ABB is proud to introduce the following stock indicator document for Electronics, Relays and Controls Product. This will allow a visual indication of the ERC products stock status.

A link to the actual product is provided as well as a brief description.

**Stock**
ABB will stock most of the popular products in our warehouses. However, non-standard products that don't have any consumption are not kept in stock.

It is with this document that we will inform you about the stock status of our products.

**Stock Indicator**
The stock indicator is used to provide a visual reference of the stock status. It depends on the popularity and the yearly consumption / sales.
<table>
<thead>
<tr>
<th>Image</th>
<th>Product name</th>
<th>Order code</th>
<th>Stock Indication</th>
<th>Type</th>
<th>Description</th>
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<tbody>
<tr>
<td><img src="191x118" alt="Image" /></td>
<td>CT-ERC.12 TIME RELAY 24-48VDC/24-240VAC</td>
<td>1SVR508111R0100</td>
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<td>CT-C</td>
<td>Time Relays CT-ERC.12 Time relay, OFF-delay 1c/o, 24-48VDC/24-240VAC</td>
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<td>CT-C</td>
<td>Time Relays CT-MFC.21 Time relay, pulse generator 2c/o, 24-48VDC/24-240VAC</td>
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<td>Time Relays CT-VWC.21 Time relay, multifunctional 2c/o, 24-240VAC</td>
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<td>CT-D</td>
<td>Time Relays CT-SDC.22 Time relay, impulse-ON 2c/o, 24-48VDC/24-240VAC</td>
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</tbody>
</table>

**Legend:**
- ![Typically in stock](image)
- ![Minimal stock](image)
- ![Order to order](image)
The CT-AHE is a single-function electronic time relay from the CT-E timer range. It provides an OFF-delay (delay on break) function with a time range from 0.1 s to 10 s. This time relay operates with a rated control supply voltage of 24 V AC / DC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-AKE is a single-function electronic time relay from the CT-E timer range. It provides an OFF-delay (delay on break) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 220 - 240 V AC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-AWE is a single-function electronic time relay from the CT-E timer range. It provides an impulse-OFF (trailing edge interval) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 V AC / DC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-ARE is a single-function electronic time relay from the CT-E timer range. It provides an OFF-delay (true delay on break) function without auxiliary input. This time relay operates with a rated control supply voltage of 24 V AC / DC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-AHE is a single-function electronic time relay from the CT-E timer range. It provides an OFF-delay (delay on break) function with a time range from 3 s to 300 s. This time relay operates with a rated control supply voltage of 24 V AC / DC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-ARE is a single-function electronic time relay from the CT-E timer range. It provides an OFF-delay (true delay on break) function without auxiliary input. This time relay operates with a rated control supply voltage of 24 V AC / DC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-AWE is a single-function electronic time relay from the CT-E timer range. It provides an impulse-OFF (trailing edge interval) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 110 - 130 V AC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

The CT-AHE is a single-function electronic time relay from the CT-E timer range. It provides an OFF-delay (delay on break) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 V AC / DC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.
<table>
<thead>
<tr>
<th>Product name</th>
<th>Type</th>
<th>Description</th>
</tr>
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<tr>
<td>CT-EKE 5 S-ON-TIMER 0.3-30s</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<tr>
<td>CT-EKE 5 S-ON-Delay-Time 23-30s</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<tr>
<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V-110V</td>
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<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<tr>
<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V-110V</td>
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<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V-110V-110V</td>
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<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V-110V-110V-110V</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<tr>
<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V-110V-110V-110V-110V</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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<tr>
<td>CT-EKE 5 S-ON-Delay-Time 23-30s-110V-110V-110V-110V-110V-110V-110V</td>
<td>CT-E</td>
<td>The CT-EKE is a single-function electronic time relay from the CT-E timer range. It provides an ON-delay (delay on make) function with a time range from 0.3 s to 30 s. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a solid-state output.</td>
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</table>
The CT-ARS.21P is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-ARS.11P is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-APS.22S is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-free (floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-APS.22P is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-APS.12S is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-APS.12P is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-APS.11S is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 1 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-APS.11P is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (true delay on break) function without auxiliary voltage and with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 1 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-ERS.22S is a single-function electronic time relay from the CT-S timer range. It provides an ON-delay (delay on make) function with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-free (floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-ERS.22P is a single-function electronic time relay from the CT-S timer range. It provides an ON-delay (delay on make) function with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-ERS.12S is a single-function electronic time relay from the CT-S timer range. It provides an ON-delay (delay on make) function with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-ERS.12P is a single-function electronic time relay from the CT-S timer range. It provides an ON-delay (delay on make) function with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.
The CT-MVS.21S is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with volt-free (floating) triggering. The CT-MVS.21S offers the possibility of connecting a remote potentiometer for the fine adjustment of the time delay. The second of the c/o contacts can be selected as an instantaneous contact. A seamless transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MVS.22S is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with volt-free (floating) triggering. The CT-MVS.22S offers the possibility of connecting a remote potentiometer for the fine adjustment of the time delay. The second of the c/o contacts can be selected as an instantaneous contact. A seamless transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MVS.22P is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. Two control inputs work with volt-free (floating) triggering. The CT-MVS.22P offers the possibility of connecting a remote potentiometer for the fine adjustment of the time delay. The second of the c/o contacts can be selected as an instantaneous contact. A seamless transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MVS.12P is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MVS.23S is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with volt-free (floating) triggering. The CT-MVS.23S offers the possibility of connecting a remote potentiometer for the fine adjustment of the time delay. The second of the c/o contacts can be selected as an instantaneous contact. A seamless transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MVS.12S is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MXS.22P is a multifunction electronic time relay from the CT-S timer range. It provides 5 timing functions with 2 x 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. The CT-MXS.22P offers the possibility of connecting two remote potentiometers for the fine adjustment of the time delays. A seamless transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CT-MXS.22S is a multifunction electronic time relay from the CT-S timer range. It provides 5 timing functions with 2 x 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. The CT-MXS.22S offers the possibility of connecting two remote potentiometers for the fine adjustment of the time delays. A seamless transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.
**Time Relays**

**CM-MPN.62S**

The CM-MPN.62S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage of 350-580 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitions all phase parameters such as over/undervoltage, phase unbalance and phase failure. The corresponding threshold values are adjustable. The CM-MPN.62S also offers selection of phase sequence monitoring, automatic phase sequence correction as well as an ON or OFF tripping delay. The output contacts can be configured as 1x2 c/o (SPDT) contact (common signal) or 2x1 c/o (SPDT) contact (separate signal for over- and undervoltage thresholds) operation. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

**CM-MPN.52S**

The CM-MPN.52S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage of 350-580 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitions all phase parameters such as over/undervoltage, phase unbalance and phase failure. The corresponding threshold values are adjustable. The CM-MPN.52S also offers selection of phase sequence monitoring, automatic phase sequence correction as well as an ON or OFF tripping delay. The output contacts can be configured as 1x2 c/o (SPDT) contact (common signal) or 2x1 c/o (SPDT) contact (separate signal for over- and undervoltage thresholds) operation. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

**CM-MPN.72S**

The CM-MPN.72S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

**CM-MPS.11S**

The CM-MPS.11S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage of 50-170 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay is also suitable to monitor single-phase mains. It monitors all phase parameters such as over/undervoltage, phase unbalance, phase failure as well as an interrupted neutral. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.
The CM-MPS.23P is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 180-280 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay is also suitable to monitor single-phase mains. It monitors all phase parameters such as over/undervoltage, phase unbalance, phase failure as well as an interrupted neutral. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CM-PAS.31S is a multifunctional relay from the CM three-phase monitors range. This relay operates with a rated control supply voltage / three-phase measuring voltage of 180-300 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitors all phase parameters such as over/undervoltage, phase unbalance, phase failure as well as an interrupted neutral. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

The CM-MPN.23S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 300-500 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitors all phase parameters such as over/undervoltage, phase unbalance, phase failure as well as an interrupted neutral. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CM-MPS.31S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 160-300 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitors all phase parameters such as over/undervoltage, phase unbalance and phase failure. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CM-MPN.43S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 300-500 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitors all phase parameters such as over/undervoltage, phase unbalance and phase failure. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

The CM-PAS.41P is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 180-280 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay also offers selection of phase sequence monitoring, automatic phase sequence correction as well as an ON or OFF tripping delay. The output contacts can be configured as 1x2 c/o (SPDT) contacts (common signal) or 2x1 c/o (SPDT) contact (separate signal for over- and undervoltage thresholds) operation. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.
CM-PVS.31P THREE-PHASE MON.

- **Type**: Monitoring Relays
- **Group**: CM-PVS
- **Description**: The CM-PVS.31P relay is from the CM three-phase monitors range. This relay operates with a rated control supply voltage / three-phase measuring voltage of 380 V AC and has a 2 c/o output with contacts rated at 250 V / 4 A. The CM-PVS.31P monitors the phase parameters over/undervoltage and phase failure. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

CM-PVS.41S THREE-PHASE MON.

- **Type**: Monitoring Relays
- **Group**: CM-PVS
- **Description**: The CM-PVS.41S relay is from the CM three-phase monitors range. This relay operates with a rated control supply voltage / three-phase measuring voltage of 300-500 V AC and has a 2 c/o output with contacts rated at 250 V / 4 A. The CM-PVS.41S monitors the phase parameters phase failure, phase sequence and phase unbalance. An ON-delay is adjustable over a range of instantaneously to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

CM-PVE UNDER & OVERVOLT. 3PH.

- **Type**: Monitoring Relays
- **Group**: CM-PVE
- **Description**: Phase monitoring relay CM-PVE, width 22.5mm, monitoring of single- or three phase over- and undervoltage, phase loss, measuring range L1-L2-L3=320-460VAC, powered by measuring circuit, 1 n/o (closed circuit principle).

CM-PVE UNDER & OVERVOLT. 3PH.-N.

- **Type**: Monitoring Relays
- **Group**: CM-PVE
- **Description**: Phase monitoring relay CM-PVE, width 22.5mm, monitoring of single- or three phase over- and undervoltage, phase loss, measuring range L1-L2-L3=185-265VAC, powered by measuring circuit, 1 n/o (closed circuit principle).

CM-PVE UNDER & OVERVOLT. 3PH.-N.

- **Type**: Monitoring Relays
- **Group**: CM-PVE
- **Description**: Phase monitoring relay CM-PVE, width 22.5mm, monitoring of single- or three phase over- and undervoltage, phase loss, measuring range L1-L2-L3=185-265VAC, powered by measuring circuit, 1 n/o (closed circuit principle).

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- **Type**: Monitoring Relays
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- **Description**: Phase monitoring relay CM-PVE, width 22.5mm, monitoring of single- or three phase over- and undervoltage, phase loss, measuring range L1-L2-L3=320-460VAC, powered by measuring circuit, 1 n/o (closed circuit principle).
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<tr>
<th>Image</th>
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<tr>
<td><img src="image" alt="CM-MSS.12S" /></td>
<td>Thermistor Motor</td>
<td>CM-MSS.12S</td>
<td>Thermistor Motor Protection Relays</td>
<td>Monitoring Relays</td>
<td>Thermistor Motor</td>
<td>The CM-MSS.12S is from the CM thermistor motor protection relay range. This relay operates with a rated control supply voltage of 240-400 V AC and has a 1 n/o output contact rated at 250 V / 4 A. It features one sensor circuit for monitoring of PTC temperature sensors and works according to the closed-circuit principle. The relay will be reset automatically after the failure has been removed. The corresponding threshold values are adjustable. Phase sequence monitoring as well as an ON or OFF tripping delay are selectable. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
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<td>The CM-MSS.13S belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 110-130 V AC and has a 1 n/o + 1 n/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit for monitoring of PTC temperature sensors and works according to the closed-circuit principle. The relay will be reset automatically after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.</td>
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<td>Monitoring Relays</td>
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<td>Thermistor Motor</td>
<td>The CM-MSS.31P belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC and has a 1 n/o + 1 n/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of the CM-MSS.31P is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in-terminals.</td>
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<td>The CM-MSS.31S belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC and has a 1 n/o + 1 n/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of the CM-MSS.31S is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in-terminals.</td>
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<td>The CM-MSS.33S belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of the CM-MSS.33S is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in-terminals.</td>
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<td><img src="image_url" alt="Image" /></td>
<td>CM-MSS.32P THERMISTOR RELAY</td>
<td>1SVR740712R2200</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>Thermistor Motor</td>
<td>The CM-MSS.32P belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of the CM-MSS.32P is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in-terminals.</td>
</tr>
<tr>
<td><img src="image_url" alt="Image" /></td>
<td>CM-MSS.31P THERMISTOR RELAY</td>
<td>1SVR730712R0200</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>Thermistor Motor</td>
<td>The CM-MSS.31P belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC and has 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of this CM-MSS.31P is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in-terminals.</td>
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<tr>
<td><img src="image_url" alt="Image" /></td>
<td>CM-MSS.31S THERMISTOR RELAY</td>
<td>1SVR730712R1300</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>Thermistor Motor</td>
<td>The CM-MSS.31S belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 - 240 V AC and has 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of the CM-MSS.31S is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in-terminals.</td>
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<td><img src="image_url" alt="Image" /></td>
<td>CM-TCS.11P TEMPERATURE MON.</td>
<td>1SVR730740R0300</td>
<td>Temperature Monitors</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>CM-TCS.11P Temperature monitoring relay Temp. range -50...+50°C, 110-130 V AC/DC</td>
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<td>CM-TCS.11S TEMPERATURE MON.</td>
<td>1SVR740740R0300</td>
<td>Temperature Monitors</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>CM-TCS.11S Temperature monitoring relay Temp. range -50...+50°C, 24-240VAC/DC Replacement for 1SVR830740R8100</td>
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<td>1SVR730740R0300</td>
<td>Temperature Monitors</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>CM-TCS.12P Temperature monitoring relay Temp. range 0...+100°C, 24-240VAC/DC</td>
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<td>Temperature Monitors</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>CM-TCS.12S Temperature monitoring relay Temp. range 0...+110°C, 24-240VAC/DC Replacement for 1SVR830740R8200</td>
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<td>1SVR730740R0300</td>
<td>Temperature Monitors</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>CM-TCS.13P Temperature monitoring relay Temp. range 0...+200°C, 24-240VAC/DC</td>
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<td>CM-TCS.13S TEMPERATURE MON.</td>
<td>1SVR730740R0300</td>
<td>Temperature Monitors</td>
<td>Monitoring Relays</td>
<td>Monitoring Relays</td>
<td>CM-TCS.13S Temperature monitoring relay Temp. range 0...+200°C, 24-240VAC/DC Replacement for 1SVR830740R8300</td>
</tr>
</tbody>
</table>
CM-ESS.1P is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 1 c/o (SPDT) output contact rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC voltages with 4 measuring ranges: 3-30 V, 6-60 V, 30-300 V and 60-600 V. The CM-ESS.1S is configurable for over- or undervoltage monitoring, the hysteresis is adjustable within a range of 3 to 30 % of the threshold value. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

CM-EFS.2S is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay works according to the open-circuit principle. The CM-EFS.2S offers 1x2 c/o (SPDT) (common signal) or 2x1 c/o (SPDT) (separate signal for minimum and maximum thresholds) operation. The hysteresis is fixed at 5 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

CM-ESS.1S is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC voltages with 4 measuring ranges: 3-30 V, 6-60 V, 30-300 V and 60-600 V. The CM-ESS.2S offers window (over- and undervoltage) monitoring as well as selection of On- or Off-delay, open- or closed-circuit operating principle, with or without latching function. The output contacts can be configured as 2x2 c/o (SPDT) (common signal) or 2x1 c/o (SPDT) (separate signal for minimum and maximum thresholds) operation. The hysteresis is fixed at 5 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

CM-TCS.22P Temperature monitoring relay Temp.-range 0...+100°C, 24VAC/DC Replacement for 1SVR630740R9200

CM-TCS.21P Temperature monitoring relay Temp.-range 0...+100°C, 24VAC/DC Replacement for 1SVR630740R9100

CM-TCS.22S Temperature monitoring relay Temp.-range 0...+100°C, 24VAC/DC Replacement for 1SVR630740R9300

CM-ESS.2P is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC voltages with 4 measuring ranges: 3-30 V, 6-60 V, 30-300 V and 60-600 V. The CM-ESS.2P offers window (over- and undervoltage) monitoring as well as selection of On- or Off-delay, open- or closed-circuit operating principle, with or without latching function. The output contacts can be configured as 2x2 c/o (SPDT) (common signal) or 2x1 c/o (SPDT) (separate signal for minimum and maximum thresholds) operation. The hysteresis is fixed at 5 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.

CM-TCS.21S Temperature monitoring relay Temp.-range 0...+100°C, 24VAC/DC Replacement for 1SVR630740R9200

CM-ESS.2P is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC voltages with 4 measuring ranges: 3-30 V, 6-60 V, 30-300 V and 60-600 V. The CM-ESS.2P offers window (over- and undervoltage) monitoring as well as selection of On- or Off-delay, open- or closed-circuit operating principle, with or without latching function. The output contacts can be configured as 2x2 c/o (SPDT) (common signal) or 2x1 c/o (SPDT) (separate signal for minimum and maximum thresholds) operation. The hysteresis is fixed at 5 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.
The CM-SRS.11P is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 0.3-1.5 A, 1-5 A and 3-15 A and works according to the open-circuit principle. The CM-SRS.11P offers selection of over- or undervoltage monitoring, open- or closed-circuit operating principle, with or without latching function. The hysteresis is fixed at 5 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

The CM-ESS.2S is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 400 - 1600 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for open- or undervoltage monitoring. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value and the tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

The CM-SFS.21P is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 3-30 mA, 10-100 mA and 0.1-1 A and works according to the open-circuit principle. The CM-SFS.21P offers selection of over- or undervoltage monitoring, open- or closed-circuit operating principle, with or without latching function. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.
<table>
<thead>
<tr>
<th>Image</th>
<th>Product name</th>
<th>Order code</th>
<th>Stock Indicator</th>
<th>Type</th>
<th>Group</th>
<th>Description</th>
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<tbody>
<tr>
<td>CM-SRS.21P CURRENT MON. RELAY</td>
<td>Single Phase Monitors Monitoring Relays</td>
<td>The CM-SRS.21P is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output contact rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 3-30 mA, 10-100 mA and 0.1-1 A and works according to the open-circuit principle. The CM-SRS.21P is configurable for over- or undercurrent monitoring, the hysteresis is adjustable within a range of 3 to 30 % of the threshold value. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.</td>
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<tr>
<td>CM-SRS.11S CURRENT MON. RELAY</td>
<td>Single Phase Monitors Monitoring Relays</td>
<td>The CM-SRS.11S is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 1 c/o (SPDT) output contact rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 3-30 mA, 10-100 mA and 0.1-1 A and works according to the open-circuit principle. The CM-SRS.11S is configurable for over- or undercurrent monitoring, the hysteresis is adjustable within a range of 3 to 30 % of the threshold value. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
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</tr>
<tr>
<td>CM-SRS.21S CURRENT MON. RELAY</td>
<td>Single Phase Monitors Monitoring Relays</td>
<td>The CM-SRS.21S is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 220 - 240 V AC and has a 1 c/o (SPDT) output contact rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 3-30 mA, 10-100 mA and 0.1-1 A and works according to the open-circuit principle. The CM-SRS.21S is configurable for over- or undercurrent monitoring, the hysteresis is adjustable within a range of 3 to 30 % of the threshold value. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers maintenance free Easy Connect Technology with push-in terminals.</td>
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<tr>
<td>CM-SRS.11P CURRENT MON. RELAY</td>
<td>Single Phase Monitors Monitoring Relays</td>
<td>The CM-SRS.11P is a single-functional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 1 c/o (SPDT) output contact rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 3-30 mA, 10-100 mA and 0.1-1 A and works according to the open-circuit principle. The CM-SRS.11P is configurable for over- or undercurrent monitoring, the hysteresis is adjustable within a range of 3 to 30 % of the threshold value. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
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<td><img src="image1.png" alt="Image" /></td>
<td>CM-SRS.22S CURRENT MON. RELAY</td>
<td>1SVR740840R0600</td>
<td></td>
<td>Single Phase Monitors</td>
<td>Monitoring Relays</td>
<td>The CM-SRS.22S is a multifunctional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 0.3-1.5 A, 1.5-5 A and 3-15 A and works according to the open-circuit principle. The CM-SRS.22S offers selection of over- or undercurrent monitoring, open- or closed-circuit operating principle, with or without latching function. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value. The tripping delay and the start-up delay are adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
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<td><img src="image2.png" alt="Image" /></td>
<td>CM-SRS.22S CURRENT MON. RELAY</td>
<td>1SVR740841R1500</td>
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<td>Single Phase Monitors</td>
<td>Monitoring Relays</td>
<td>The CM-SRS.22S is a multifunctional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 0.3-1.5 A, 1.5-5 A and 3-15 A and works according to the open-circuit principle. The CM-SRS.22S is configurable for over- or undercurrent monitoring. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value and the tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
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<td><img src="image3.png" alt="Image" /></td>
<td>CM-SRS.22S CURRENT MON. RELAY</td>
<td>1SVR740843R0000</td>
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<td>Single Phase Monitors</td>
<td>Monitoring Relays</td>
<td>The CM-SRS.22S is a multifunctional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 0.3-1.5 A, 1.5-5 A and 3-15 A and works according to the open-circuit principle. The CM-SRS.22S is configurable for over- or undercurrent monitoring. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value and the tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
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<td><img src="image4.png" alt="Image" /></td>
<td>CM-SRS.22S CURRENT MON. RELAY</td>
<td>1SVR740841R1500</td>
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<td>Single Phase Monitors</td>
<td>Monitoring Relays</td>
<td>The CM-SRS.22S is a multifunctional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 0.3-1.5 A, 1.5-5 A and 3-15 A and works according to the open-circuit principle. The CM-SRS.22S is configurable for over- or undercurrent monitoring. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value and the tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
</tr>
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<td><img src="image5.png" alt="Image" /></td>
<td>CM-SRS.22S CURRENT MON. RELAY</td>
<td>1SVR740843R0000</td>
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<td>Single Phase Monitors</td>
<td>Monitoring Relays</td>
<td>The CM-SRS.22S is a multifunctional current monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC currents with 3 measuring ranges: 0.3-1.5 A, 1.5-5 A and 3-15 A and works according to the open-circuit principle. The CM-SRS.22S is configurable for over- or undercurrent monitoring. The hysteresis is adjustable within a range of 3 to 30 % of the threshold value and the tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</td>
</tr>
</tbody>
</table>
**Liquid Level Monitoring Relays**

**CM-ENS.31P**
- Liquid level relay
- CM-ENS.31P width 22.5mm
- Dry running protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (closed-circuit principle)

**CM-ENS.21P**
- Liquid level relay
- CM-ENS.21P width 22.5mm
- Dry running protection
- Sensitivity 0-100kOhm fixed
- A1-A2=220V-240VAC
- 1 n/o (open-circuit principle)

**CM-ENS.11P**
- Liquid level relay
- CM-ENS.11P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=110-130VAC
- 1 n/o (spdt)

**CM-ENS.11S**
- Liquid level relay
- CM-ENS.11S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=110-130VAC
- 1 n/o (open-circuit principle)

**CM-ENS.23S**
- Liquid level relay
- CM-ENS.23S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=110-130VAC
- 1 n/o (open-circuit principle)

**CM-ENS.13P**
- Liquid level relay
- CM-ENS.13P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=110-130VAC
- 1 n/o (open-circuit principle)

**CM-ENS.13S**
- Liquid level relay
- CM-ENS.13S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=110-130VAC
- 1 n/o (open-circuit principle)

**CM-ENS.21P**
- Liquid level relay
- CM-ENS.21P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11P**
- Liquid level relay
- CM-ENS.11P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11S**
- Liquid level relay
- CM-ENS.11S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.23S**
- Liquid level relay
- CM-ENS.23S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.31S**
- Liquid level relay
- CM-ENS.31S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11S**
- Liquid level relay
- CM-ENS.11S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.31P**
- Liquid level relay
- CM-ENS.31P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.21S**
- Liquid level relay
- CM-ENS.21S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13S**
- Liquid level relay
- CM-ENS.13S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13P**
- Liquid level relay
- CM-ENS.13P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11P**
- Liquid level relay
- CM-ENS.11P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13S**
- Liquid level relay
- CM-ENS.13S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.31S**
- Liquid level relay
- CM-ENS.31S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.23S**
- Liquid level relay
- CM-ENS.23S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11S**
- Liquid level relay
- CM-ENS.11S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11P**
- Liquid level relay
- CM-ENS.11P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13S**
- Liquid level relay
- CM-ENS.13S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.31P**
- Liquid level relay
- CM-ENS.31P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.21S**
- Liquid level relay
- CM-ENS.21S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13P**
- Liquid level relay
- CM-ENS.13P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11S**
- Liquid level relay
- CM-ENS.11S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13S**
- Liquid level relay
- CM-ENS.13S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.31P**
- Liquid level relay
- CM-ENS.31P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.21S**
- Liquid level relay
- CM-ENS.21S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13P**
- Liquid level relay
- CM-ENS.13P width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.11S**
- Liquid level relay
- CM-ENS.11S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)

**CM-ENS.13S**
- Liquid level relay
- CM-ENS.13S width 22.5mm
- Overflow protection
- Sensitivity 0-100kOhm fixed
- A1-A2=24VAC
- 1 n/o (spdt)
<table>
<thead>
<tr>
<th>Image</th>
<th>Product name</th>
<th>Order code</th>
<th>Stock Indicator</th>
<th>Type</th>
<th>Group</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>![Image](51x336 to 71x352)</td>
<td>CM-IWN.1P Insulation Monitoring Relays</td>
<td>1SV650666RF400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IWN.P Coupling unit voltage range expansion for CM-IWN.1</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 600 mm</td>
</tr>
<tr>
<td>![Image](53x436 to 69x454)</td>
<td>CM-IWN.2P Insulation Monitoring Relays</td>
<td>1SV650666RF400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IWN.P Coupling unit voltage range expansion for CM-IWN.1</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
<tr>
<td>![Image](54x32 to 67x51)</td>
<td>CM-UFD.M22 Grid Feeding Monitoring Relay</td>
<td>1SV650730R3401</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-UFD.M22 Grid feeding monitoring relay</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
<tr>
<td>![Image](54x52 to 67x71)</td>
<td>CM-UFD.M31 Grid Feeding Monitoring Relay</td>
<td>1SV650730R3400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-UFD.M31 Grid feeding monitoring relay</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 600 mm</td>
</tr>
<tr>
<td>![Image](54x133 to 67x152)</td>
<td>CM-UFD.M33 Grid Feeding Monitoring Relay</td>
<td>1SV650730R3401</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-UFD.M33 Grid feeding monitoring relay</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
<tr>
<td>![Image](54x173 to 67x192)</td>
<td>CM-IVN.P Coupling Transformer</td>
<td>1SV650730R3401</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IVN.P Coupling Transformer</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 600 mm</td>
</tr>
<tr>
<td>![Image](54x234 to 67x252)</td>
<td>CM-IVN.2P Coupling Transformer</td>
<td>1SV650730R3400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IVN.P Coupling Transformer</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
<tr>
<td>![Image](54x274 to 68x293)</td>
<td>CM-IVN.1P Coupling Transformer</td>
<td>1SV650730R3401</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IVN.P Coupling Transformer</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 600 mm</td>
</tr>
<tr>
<td>![Image](54x356 to 67x373)</td>
<td>CM-IVN.1S Coupling Transformer</td>
<td>1SV650730R3400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IVN.P Coupling Transformer</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
<tr>
<td>![Image](54x376 to 67x393)</td>
<td>CM-IVN.2S Coupling Transformer</td>
<td>1SV650730R3401</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-IVN.P Coupling Transformer</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
<tr>
<td>![Image](54x396 to 67x413)</td>
<td>CM-KH-3 Screw-in Bar Electrode</td>
<td>1SV650730R3400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-KH-3 Screw-in Bar Electrode</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 600 mm</td>
</tr>
<tr>
<td>![Image](54x417 to 67x433)</td>
<td>CM-KH-3 Screw-in Bar Electrode</td>
<td>1SV650730R3400</td>
<td>-</td>
<td>Monitoring Relays</td>
<td>CM-KH-3 Screw-in Bar Electrode</td>
<td>Screw-in bar electrode for compact support CM-KH-3, length = 1000 mm</td>
</tr>
</tbody>
</table>

**Product Descriptions:**

- **CM-IWN.1P Insulation Monitoring Relay:** Features a 2c/o and 1-100kOhm, 24-240VAC/DC System leakage capacitance of 20 µF.
- **CM-IWN.2P Insulation Monitoring Relay:** Features a 2c/o and 1-100kOhm, 24-240VAC/DC System leakage capacitance of 20 µF.
- **CM-UFD.M22 Grid Feeding Monitoring Relay:** Provides different monitoring functions in accordance with CEI 0-21 to detect over-current and undervoltage (10-minutes average value, voltage increase and decrease protection) as well as any changes in grid frequency (frequency increase and decrease protection).
- **CM-UFD.M31 Grid Feeding Monitoring Relay:** Monitors current transformer 1c/1,1-100kOhm, 24-240VAC/DC.
- **CM-UFD.M33 Grid Feeding Monitoring Relay:** Monitors current transformer 1c/1, 1-100kOhm, 24-240VAC/DC Replacement for 1SV630660R0100.
- **CM-IVN.P Coupling Transformer:** Monitors current transformer 1c/1, 1-100kOhm, 24-240VAC/DC Replacement for 1SV630660R0100.
<table>
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<tr>
<th>Product name</th>
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<th>Group</th>
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<tr>
<td>CM-CT 400/1 CURRENT TRANSFORMER</td>
<td>1SVR427060R1000</td>
<td>-</td>
<td>Current Transform</td>
<td>Monitoring Relays</td>
<td>The CM-CT 400/1 is a plug-in current transformer from the CM-CT range. The current transformer has a rated primary current of 400 A and a secondary rated current of 1 A. The burden of the current transformer is 5 VA and its precision is according to class 1. The CM-CT 400/1 will be delivered with foot angle, insulating protective cap and bar fastening screws. A snap-on mounting for DIN rail is available as accessory.</td>
</tr>
<tr>
<td>CM-CT 400/5 CURRENT TRANSFORMER</td>
<td>1SVR427060R0300</td>
<td>-</td>
<td>Current Transform</td>
<td>Monitoring Relays</td>
<td>The CM-CT 400/5 is a plug-in current transformer from the CM-CT range. The current transformer has a rated primary current of 400 A and a secondary rated current of 5 A. The burden of the current transformer is 5 VA and its precision is according to class 1. The CM-CT 400/5 will be delivered with foot angle, insulating protective cap and bar fastening screws. A snap-on mounting for DIN rail is available as accessory.</td>
</tr>
<tr>
<td>CM-CT 500/1 CURRENT TRANSFORMER</td>
<td>1SVR427060R0000</td>
<td>-</td>
<td>Current Transform</td>
<td>Monitoring Relays</td>
<td>The CM-CT 500/1 is a plug-in current transformer from the CM-CT range. The current transformer has a rated primary current of 500 A and a secondary rated current of 1 A. The burden of the current transformer is 5 VA and its precision is according to class 1. The CM-CT 500/1 will be delivered with foot angle, insulating protective cap and bar fastening screws. A snap-on mounting for DIN rail is available as accessory.</td>
</tr>
<tr>
<td>CM-CT 500/5 CURRENT TRANSFORMER</td>
<td>1SVR427060R0300</td>
<td>-</td>
<td>Current Transform</td>
<td>Monitoring Relays</td>
<td>The CM-CT 500/5 is a plug-in current transformer from the CM-CT range. The current transformer has a rated primary current of 500 A and a secondary rated current of 5 A. The burden of the current transformer is 5 VA and its precision is according to class 1. The CM-CT 500/5 will be delivered with foot angle, insulating protective cap and bar fastening screws. A snap-on mounting for DIN rail is available as accessory.</td>
</tr>
<tr>
<td>CM-CT 600/1 CURRENT TRANSFORMER</td>
<td>1SVR427060R1000</td>
<td>-</td>
<td>Current Transform</td>
<td>Monitoring Relays</td>
<td>The CM-CT 600/1 is a plug-in current transformer from the CM-CT range. The current transformer has a rated primary current of 600 A and a secondary rated current of 1 A. The burden of the current transformer is 5 VA and its precision is according to class 1. The CM-CT 600/1 will be delivered with foot angle, insulating protective cap and bar fastening screws. A snap-on mounting for DIN rail is available as accessory.</td>
</tr>
<tr>
<td>CM-CT 600/5 CURRENT TRANSFORMER</td>
<td>1SVR427060R0300</td>
<td>-</td>
<td>Current Transform</td>
<td>Monitoring Relays</td>
<td>The CM-CT 600/5 is a plug-in current transformer from the CM-CT range. The current transformer has a rated primary current of 600 A and a secondary rated current of 5 A. The burden of the current transformer is 5 VA and its precision is according to class 1. The CM-CT 600/5 will be delivered with foot angle, insulating protective cap and bar fastening screws. A snap-on mounting for DIN rail is available as accessory.</td>
</tr>
<tr>
<td>CM-KN contact protection relay</td>
<td>1SVR427060R1000</td>
<td>-</td>
<td>Contact Protection</td>
<td>Monitoring Relays</td>
<td>The CM-KN relay is from the CM contact protection relay range. This protection relay operates with a rated control supply voltage of 220–240 V AC, has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A and works according to the open-circuit principle. It acts as a non-position switch and protects and reduces load from sensitive control contacts. It can be used with or without latching function. A sealable transparent cover for protection against unauthorized changes is available as accessory.</td>
</tr>
<tr>
<td>CM-AH-3 DISTANCE PLATE</td>
<td>1SVR427060R0300</td>
<td>-</td>
<td>CR Accessory</td>
<td>Monitoring Relays</td>
<td>Distance plate CM-AH-3 for screwed in bar electrodes in compact support CM-KRN-3.</td>
</tr>
<tr>
<td>SNAP-ON MOUNTING FOR CM-CT DIN RAIL</td>
<td>1SVR427060R0000</td>
<td>-</td>
<td>Accessory</td>
<td>Current Transforms</td>
<td>The CM-T-A is a accessory from the CM-CT range. It can be used as snap-on mounting for CM-CT current transformers on DIN rail.</td>
</tr>
<tr>
<td>MAR.12 MARKER LABEL</td>
<td>1SVR427060R0000</td>
<td>-</td>
<td>Accessory</td>
<td>Monitoring Relays</td>
<td>MAR.12 Marker label, for devices with DIP switches</td>
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<tr>
<td>CP-ASI/2.8 POWER SUPPLY</td>
<td>1SVR450118R1000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-ASI/2.8 Power supply In: 115/230VAC Out: 30.5VDC/2.8A</td>
</tr>
<tr>
<td>CP-ASI/4.0 DC/DC CONVERTER</td>
<td>1SVR450118R0300</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-ASI/4.0 DC/DC Converter In: 24VDC Out: 30.5VDC/4.0A</td>
</tr>
<tr>
<td>CP-ASI/4.0 POWER SUPPLY</td>
<td>1SVR450118R0000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-ASI/4.0 Power supply In: 115/230VAC Out: 30.5VDC/4.0A</td>
</tr>
<tr>
<td>CP-B 24/3.0 BUFFER MODULE</td>
<td>1SVR450056R0000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-B 24/3.0 Buffer module 24 V / 3 A, energy storage 1000Ws</td>
</tr>
<tr>
<td>CP-B 24/10.0 BUFFER MODULE</td>
<td>1SVR450056R0000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-B 24/10.0 Buffer module 24 V / 10 A, energy storage 1000Ws</td>
</tr>
<tr>
<td>CP-B 24/20.0 BUFFER MODULE</td>
<td>1SVR450056R0000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-B 24/20.0 Buffer module 24 V / 20 A, energy storage 8000Ws</td>
</tr>
<tr>
<td>CP-B EXT.2 EXTENSION BUFFER MODULE</td>
<td>1SVR450056R0000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>CP-B EXT.2 Extension for buffer modules energy storage 20000Ws</td>
</tr>
<tr>
<td>CP-C 24/10.0 POWER SUPPLY</td>
<td>1SVR450056R0000</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>The CP-C 24/10.0 is a power supply from the CP-C-I range. The primary switch mode power supply offers a wide range input of 85–264 V AC and 90–300 V DC, rated input voltage is 110–240 V AC. The rated output power is 240 W, rated output current is 10 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 50 % and allows parallel operation to increase capacity and to enable redundancy. Further features are: power factor correction acc. to EN 61000-3-2, redundancy unit and buffer modules are available as accessories.</td>
</tr>
<tr>
<td>CP-C 24/10.0-C</td>
<td>1SVR450117R5200</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>The CP-C 24/10.0-C is a power supply from the CP-C-I range with coated PCB. The primary switch mode power supply offers a wide range input of 85–264 V AC and 90–300 V DC, rated input voltage is 110–240 V AC. The rated output power is 240 W, rated output current is 10 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 50 % and allows parallel operation to increase capacity and to enable redundancy. Further features are: power factor correction acc. to EN 61000-3-2, redundancy unit and buffer modules are available as accessories.</td>
</tr>
<tr>
<td>CP-C 24/20.0 POWER SUPPLY</td>
<td>1SVR450117R1200</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>The CP-C 24/20.0 is a power supply from the CP-C-I range. The primary switch mode power supply offers a wide range input of 85–264 V AC and 90–300 V DC, rated input voltage is 110–240 V AC. The rated output power is 480 W, rated output current is 20 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 30 % and allows parallel operation to increase capacity and to enable redundancy. Further features are: power factor correction acc. to EN 61000-3-2, redundancy unit and buffer modules are available as accessories.</td>
</tr>
<tr>
<td>CP-C 24/20.0-C</td>
<td>1SVR450117R1200</td>
<td>-</td>
<td>Power Supplies</td>
<td></td>
<td>The CP-C 24/20.0-C is a power supply from the CP-C-I range with coated PCB. The primary switch mode power supply offers a wide range input of 85–264 V AC and 90–300 V DC, rated input voltage is 110–240 V AC. The rated output power is 480 W, rated output current is 20 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 30 % and allows parallel operation to increase capacity and to enable redundancy. Further features are: power factor correction acc. to EN 61000-3-2, redundancy unit and buffer modules are available as accessories.</td>
</tr>
</tbody>
</table>
The CP-D 24/0.42 is a power supply from the CP-D range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 50% and allows parallel operation to increase capacity and to enable redundancy. Further features are: power factor correction acc. to EN 61000-3-2. Redundancy unit and buffer modules are available as accessories.

The CP-E 24/5.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 50% and allows parallel operation to increase capacity and to enable redundancy. Further features are: power factor correction acc. to EN 61000-3-2. Redundancy unit and buffer modules are available as accessories.

The CP-C.1 24/5.0 is a power supply from the CP-C.1 range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic with a power reserve of up to 50% and allows parallel operation to increase capacity and to enable redundancy. A further feature is the signalling output (transistor) for output voltage OK. A redundancy unit is available as accessory.

The CP-C.1 24/10.0 is a power supply from the CP-C.1 range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-C.1 24/20.0 is a power supply from the CP-C.1 range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC, rated input voltage is 110-240 V AC. The rated output power is 480 W, rated output current is 20 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides an U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-C.1 24/0.62 is a power supply from the CP-C.1 range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 25 W, rated output current is 0.625 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-E 24/10.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 30 W, rated output current is 1.25 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-D 24/13.0 is a power supply from the CP-D range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 130 W, rated output current is 5.0 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 5 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-D 24/2.5 is a power supply from the CP-D range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 25 W, rated output current is 1.3 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 5 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-D 24/4.2 is a power supply from the CP-D range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 48 W, rated output current is 2.0 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 5 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-D 24/10.0 is a power supply from the CP-D range. The primary switch mode power supply offers a wide range input of 100-240 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 100 W, rated output current is 4.2 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-E 24/0.75 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 115-230 V AC. The rated output power is 75 W, rated output current is 3.1 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 21.6 to 28.8 V DC. The power supply provides a U/I output characteristic. A redundancy unit is available as accessory.

The CP-E 24/1.25 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 115-230 V AC. The rated output power is 125 W, rated output current is 5.0 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-E 24/2.5 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 115-230 V AC. The rated output power is 250 W, rated output current is 10 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 5 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-E 24/5.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 115-230 V AC. The rated output power is 500 W, rated output current is 20 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 5 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-E 24/10.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 115-230 V AC. The rated output power is 1000 W, rated output current is 40 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 5 units can be connected in parallel. A redundancy unit is available as accessory.

The CP-E 48/0.62 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 95-285 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 25 W, rated output current is 0.625 A at an output voltage of 48 V DC. The output voltage is adjustable within a range of 48 to 55 V DC. The power supply provides a U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel.
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<td>CP-E 48/5.0 POWER SUPPLY</td>
<td>1SNA645049R1200</td>
<td>CP-E</td>
<td>Power Supplies</td>
<td>The CP-E 48/5.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-132 V AC, 180-264 V AC and 210-375 V DC, rated input voltage is 115 or 230 V AC (auto select). The rated output power is 240 W, rated output current is 5 A at an output voltage of 48 V DC. The output voltage is adjustable within a range of 47 to 56 V DC. The power supply provides an U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel.</td>
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<td><img src="image2.png" alt="" /></td>
<td>CP-E 5/3.0 POWER SUPPLY</td>
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<td>Power Supplies</td>
<td>The CP-E 5/3.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-264 V AC and 120-375 V DC, rated input voltage is 100-240 V AC. The rated output power is 15 W, rated output current is 3.0 A at an output voltage of 5 V DC. The output voltage is adjustable within a range of 4.5 to 5.75 V DC. The output characteristic is hiccup-mode. The power supply allows parallel operation to enable redundancy. A redundancy unit is available as accessory.</td>
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<td><img src="image3.png" alt="" /></td>
<td>CP-T 24/10.0 POWER SUPPLY 500 V MAX</td>
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<td>1SNA645022R2700</td>
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<td><img src="image18.png" alt="Image" /></td>
<td>RB122G-24VDC</td>
<td>1SNA645015R1200</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Screen relay RB122A 24vac/dc : 24vac/dc input / 1SPDT 1 mA upto 6A with led</td>
</tr>
<tr>
<td><img src="image19.png" alt="Image" /></td>
<td>RB122G-48-60VDC</td>
<td>1SNA645016R1200</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Screen relay RB122A 48-60vac/dc : 48-60vac/dc input / 1SPDT 1 mA upto 6A with led</td>
</tr>
<tr>
<td><img src="image20.png" alt="Image" /></td>
<td>RB101R-24VDC</td>
<td>1SNA645017R1200</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay with contact protection RB101AR 24vac/dc : 24vac/dc input / 1NC 10 mA upto 6A with led</td>
</tr>
<tr>
<td><img src="image21.png" alt="Image" /></td>
<td>RB111-24VDC</td>
<td>1SNA645018R1200</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RB111AR 24vac/dc : 24vac/dc input / 1NO 10 mA upto 6A with led</td>
</tr>
<tr>
<td><img src="image22.png" alt="Image" /></td>
<td>RB111R-24VDC</td>
<td>1SNA645019R1200</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay with contact protection RB111AR 24vac/dc : 24vac/dc input / 1NO 10 mA upto 6A with led</td>
</tr>
<tr>
<td><img src="image23.png" alt="Image" /></td>
<td>RB121R-115VDC</td>
<td>1SNA645020R1200</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RB121A 115vac/dc : 115vac/dc input / 1SPDT 10 mA upto 6A with led</td>
</tr>
<tr>
<td>Product name</td>
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<td>Stock Indicator</td>
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<td>Group</td>
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<tr>
<td>RBR121-230VDC</td>
<td>1SNAR5542092000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 230vac/dc : 230vac-dc input / 1SPDT 10 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121-12VDC</td>
<td>1SNAR5559620000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121-12VDC: 12VDC Rated control supply voltage/ 1 SPDT output contact rated 5-250VAC, 60mA up to 6A with integrated LED</td>
</tr>
<tr>
<td>RBR121-24VDC</td>
<td>1SNAR5571792000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>RBR121-24VDC Interface relay RBR121A 24vac/dc : 24vac-dc input / 1SPDT 1 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121-24VDC</td>
<td>1SNAR5571802000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 24vac/dc : 24vac-dc input / 1SPDT 10 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121-48-50VDC</td>
<td>1SNAR5583500000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 48-50vac/dc : 48-50vac-dc input / 1SPDT 15 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121-50-230VDC</td>
<td>1SNAR5583502000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 50-230V : 60-230V input / 1SPDT 10mA upto 6A</td>
</tr>
<tr>
<td>RBR121G-115VDC</td>
<td>1SNAR5591500000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 115vac/dc : 115vac-dc input / 1SPDT 1 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121G-230VDC</td>
<td>1SNAR5591504000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 230vac/dc : 230vac-dc input / 1SPDT 1 mA upto 5A with led</td>
</tr>
<tr>
<td>RBR121G-24VDC</td>
<td>1SNAR5591509000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>RBR121G-24VDC Interface relay 600 1c/o,A1-A2=24VDC,250V/3mA-6A Gold-plated contacts</td>
</tr>
<tr>
<td>RBR121G-24VDC</td>
<td>1SNAR5591511000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 24vac/dc : 24vac-dc input / 1SPDT 1 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121G-48-50VDC</td>
<td>1SNAR5598502000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121A 48-50vac/dc : 48-50vac-dc input / 1SPDT 1 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121P-SVDC</td>
<td>1SNAR5550642000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121 5vac : 5vac input / 1SPDT 10 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121P-12VDC</td>
<td>1SNAR5550646000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR121 12vac : 12vac input / 1SPDT 10 mA upto 6A with led</td>
</tr>
<tr>
<td>RBR121R-230VDC</td>
<td>1SNAR5551302000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay with leakage current protection RBR121AR 230vac/dc : 230vac-dc input / 1SPDT 10 mA upto 5A with led</td>
</tr>
<tr>
<td>RBR1220-115VDC</td>
<td>1SNAR5541702000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR1220A 115vac/dc : 115vac-dc input / 10PD 1 mA upto 8A with led</td>
</tr>
<tr>
<td>RBR1220-230VDC</td>
<td>1SNAR5541702000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR1220A 230vac/dc : 230vac-dc input / 10PD 1 mA upto 8A with led</td>
</tr>
<tr>
<td>RBR1220-24VDC</td>
<td>1SNAR5541703000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR1220A 24vac/dc : 24vac-dc input / 10PD 1 mA upto 8A with led</td>
</tr>
<tr>
<td>RBR1220G-48-50VDC</td>
<td>1SNAR5583507000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>Spring relay RBR1220A 48-50vac/dc : 48-50vac-dc input / 1PD 1 mA upto 8A with led</td>
</tr>
<tr>
<td>RB-JB10 JUMPER BAR</td>
<td>1SNAR5560302000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>RB-JB10 Jumper bar for 600</td>
</tr>
<tr>
<td>RB-JB20 JUMPER BAR</td>
<td>1SNAR5560302000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>RB-JB20 Jumper bar for 600</td>
</tr>
<tr>
<td>SC612 END SECTION FOR 600</td>
<td>1SNAR5474820000</td>
<td>●</td>
<td>Interface Relay</td>
<td>Interface Relays and Optocouplers</td>
<td>SC 612 Separator and section f. 600</td>
</tr>
<tr>
<td>SEALABLE COVER 22.5MM</td>
<td>1SNAR5000510000</td>
<td>●</td>
<td>Optocoupler</td>
<td>Optocoupler</td>
<td>The CDV-01 sealable transparent cover is an accessory. The cover can be used for protection against unauthorized changes. It fits to all S housings.</td>
</tr>
<tr>
<td>CR-M0121C2 PLAGGABLE INTERFACE REL.</td>
<td>1SNAR5561792000</td>
<td>●</td>
<td>Puggable Relays</td>
<td>Interface Relays and Optocouplers</td>
<td>The CR-M0121C2 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 12 V DC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 12 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td>CR-M0121C2 PLAGGABLE INTERFACE REL.</td>
<td>1SNAR5561793000</td>
<td>●</td>
<td>Puggable Relays</td>
<td>Interface Relays and Optocouplers</td>
<td>The CR-M0121C2 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 12 V DC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 12 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td>Image</td>
<td>Product name</td>
<td>Order code</td>
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<tr>
<td><img src="image1.png" alt="Image" /></td>
<td>CR-M024DC4L Pluggable Interface Relay</td>
<td>1SVR405614R1100</td>
<td></td>
<td>Ruggable Relays Interface Relays and Optocouplers</td>
<td>CR-M024DC4L is a pluggable interface relay from the CR-M (miniature) relay range. This relay operates with a 24 V DC rated control supply voltage and has a 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="image2.png" alt="Image" /></td>
<td>CR-M024AC4L Pluggable Interface Relay</td>
<td>1SVR405613R0100</td>
<td></td>
<td>Ruggable Relays Interface Relays and Optocouplers</td>
<td>CR-M024AC4L is a pluggable interface relay from the CR-M (miniature) relay range. This relay operates with a 24 V AC rated control supply voltage and has a 4 c/o (SPDT) gold-plated output with contacts rated at 250 V / 6 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="image3.png" alt="Image" /></td>
<td>CR-M024AC2 Pluggable Interface Relay</td>
<td>1SVR405611R0100</td>
<td></td>
<td>Ruggable Relays Interface Relays and Optocouplers</td>
<td>CR-M024AC2 is a pluggable interface relay from the CR-M (miniature) relay range. This relay operates with a 24 V AC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
<td>CR-M012DC4 Pluggable Interface Relay</td>
<td>1SVR405611R0000</td>
<td></td>
<td>Ruggable Relays Interface Relays and Optocouplers</td>
<td>CR-M012DC4 is a pluggable interface relay from the CR-M (miniature) relay range. This relay operates with a 12 V DC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
</tbody>
</table>

### Optocouplers

- **Output contacts**: Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
- **Standard sockets**: Logic sockets, pluggable function modules, holder and marker are available as accessories.
- **Logic sockets**: Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
- **Pluggable function modules**: Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
- **Holder**: Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
- **Marker**: Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
<table>
<thead>
<tr>
<th>Image</th>
<th>Product name</th>
<th>Order code</th>
<th>Stock Indicator</th>
<th>Type</th>
<th>Group</th>
<th>Description</th>
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<tbody>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M110DC2L PLUGGABLE RELAY</td>
<td>1SVR405612R7000</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M110DC2L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 110 V DC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M048DC4L PLUGGABLE RELAY</td>
<td>1SVR405612R7100</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M048DC4L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 48 V DC rated control supply voltage and has a 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
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<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M110AC2L PLUGGABLE RELAY</td>
<td>1SVR405612R6000</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M110AC2L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 110 V AC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M110AC1L PLUGGABLE RELAY</td>
<td>1SVR405612R6100</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M110AC1L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 110 V AC rated control supply voltage and has a 1 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M110AC4L PLUGGABLE RELAY</td>
<td>1SVR405612R5100</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M110AC4L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 110 V AC rated control supply voltage and has a 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M048DC2L PLUGGABLE RELAY</td>
<td>1SVR405612R5000</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M048DC2L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 48 V DC rated control supply voltage and has a 2 c/o (SPDT) output with contacts rated at 250 V / 12 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M048DC2L PLUGGABLE RELAY</td>
<td>1SVR405618R5100</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M048DC2L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 48 V DC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
<tr>
<td><img src="54x47.png" alt="Image" /></td>
<td>CR-M060DC4L PLUGGABLE RELAY</td>
<td>1SVR405612R6100</td>
<td><img src="54x54.png" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-M</td>
<td>The CR-M060DC4L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 60 V DC rated control supply voltage and has a 4 c/o (SPDT) gold-plated output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.</td>
</tr>
</tbody>
</table>
The CR-M220DC3 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 220 V DC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M220DC2L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 220 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M125DC3L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 125 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M120AC4L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 120 V AC rated control supply voltage and has a 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M120AC4 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 120 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M120AC3L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 120 V AC rated control supply voltage and has 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M110DC4 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 110 V DC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M110DC2L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 110 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
The CR-MJ jumper bar is from the CR-M (miniature) relay range. This jumper bar is suitable for all CR-M sockets.

The CR-MH1 holder is from the CR-M (miniature) relay range. The metal holder is suitable for CR-M sockets.

The CR-MH holder is from the CR-M (miniature) relay range. The plastic holder is suitable for CR-M sockets.

The socket has screw connection terminals. Pluggable function modules, holder and marker are available as accessories.

The CR-M3LS socket is from the CR-M (miniature) relay range. The logical socket is suitable for CR-M relays with 3 c/o (SPDT) output contacts. The socket has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M2LS socket is from the CR-M (miniature) relay range. The logical socket is suitable for CR-M relays with 2 c/o (SPDT) output contacts. The socket has a 2 c/o (SPDT) output with contacts rated at 250 V / 12 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M230AC4LG pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 230 V AC rated control supply voltage and has a 4 c/o (SPDT) gold-plated output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M230AC4 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 230 V AC rated control supply voltage and has a 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M230AC3L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 230 V AC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M220DC4LG pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 220 V DC rated control supply voltage and has a 4 c/o (SPDT) gold-plated output with contacts rated at 250 V / 12 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M220DC4 pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 220 V DC rated control supply voltage and has a 4 c/o (SPDT) output with contacts rated at 250 V / 6 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-M220DC3L pluggable interface relay is from the CR-M (miniature) relay range. This relay operates with a 220 V DC rated control supply voltage and has a 3 c/o (SPDT) output with contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
CR-P024AC1 Pluggable Interface Relay 1c/o (SPST), 110 V DC, 250 V / 8 A, gold contacts

CR-P024AC2 Pluggable Interface Relay 2c/o (SPDT), 110 V DC, 250 V / 8 A, gold contacts

CR-P024ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P024DC1 Pluggable Interface Relay 1c/o (SPST), 110 V DC, 250 V / 8 A, gold contacts

CR-P024DC2 Pluggable Interface Relay 2c/o (SPDT), 110 V DC, 250 V / 8 A, gold contacts

CR-P030AC2 Pluggable Interface Relay 2c/o (SPDT), 110 V DC, 250 V / 8 A, gold contacts

CR-P030ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P048AC1 Pluggable Interface Relay 1c/o (SPST), 48 V DC, 250 V / 16 A, gold contacts

CR-P048AC2 Pluggable Interface Relay 2c/o (SPDT), 48 V DC, 250 V / 16 A, gold contacts

CR-P048DC2 Pluggable Interface Relay 2c/o (SPDT), 48 V DC, 250 V / 16 A, gold contacts

CR-P050AC1 Pluggable Interface Relay 1c/o (SPST), 50 V DC, 250 V / 16 A, gold contacts

CR-P050AC2 Pluggable Interface Relay 2c/o (SPDT), 50 V DC, 250 V / 16 A, gold contacts

CR-P050DC2 Pluggable Interface Relay 2c/o (SPDT), 50 V DC, 250 V / 16 A, gold contacts

CR-P110AC1 Pluggable Interface Relay 1c/o (SPST), 110 V AC, 250 V / 8 A, gold contacts

CR-P110AC2 Pluggable Interface Relay 2c/o (SPDT), 110 V AC, 250 V / 8 A, gold contacts

CR-P110ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P110DC2 Pluggable Interface Relay 2c/o (SPDT), 110 V DC, 250 V / 8 A, gold contacts

CR-P120AC1 Pluggable Interface Relay 1c/o (SPST), 120 V AC, 250 V / 8 A, gold contacts

CR-P120AC2 Pluggable Interface Relay 2c/o (SPDT), 120 V AC, 250 V / 8 A, gold contacts

CR-P120DC2 Pluggable Interface Relay 2c/o (SPDT), 120 V DC, 250 V / 8 A, gold contacts

CR-P150AC1 Pluggable Interface Relay 1c/o (SPST), 150 V AC, 250 V / 8 A, gold contacts

CR-P150AC2 Pluggable Interface Relay 2c/o (SPDT), 150 V AC, 250 V / 8 A, gold contacts

CR-P150DC2 Pluggable Interface Relay 2c/o (SPDT), 150 V DC, 250 V / 8 A, gold contacts

CR-P230AC2 Pluggable Interface Relay 2c/o (SPDT), 230 V AC, 250 V / 8 A, gold contacts


CR-P230DC2 Pluggable Interface Relay 2c/o (SPDT), 230 V DC, 250 V / 8 A, gold contacts

CR-P240AC2 Pluggable Interface Relay 2c/o (SPDT), 240 V AC, 250 V / 8 A, gold contacts

CR-P240ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P240DC2 Pluggable Interface Relay 2c/o (SPDT), 240 V DC, 250 V / 8 A, gold contacts

CR-P380AC2 Pluggable Interface Relay 2c/o (SPDT), 380 V AC, 250 V / 8 A, gold contacts

CR-P380ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P380DC2 Pluggable Interface Relay 2c/o (SPDT), 380 V DC, 250 V / 8 A, gold contacts

CR-P415AC2 Pluggable Interface Relay 2c/o (SPDT), 415 V AC, 250 V / 8 A, gold contacts

CR-P415ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P415DC2 Pluggable Interface Relay 2c/o (SPDT), 415 V DC, 250 V / 8 A, gold contacts

CR-P480AC2 Pluggable Interface Relay 2c/o (SPDT), 480 V AC, 250 V / 8 A, gold contacts

CR-P480ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P480DC2 Pluggable Interface Relay 2c/o (SPDT), 480 V DC, 250 V / 8 A, gold contacts

CR-P500AC2 Pluggable Interface Relay 2c/o (SPDT), 500 V AC, 250 V / 8 A, gold contacts

CR-P500ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P500DC2 Pluggable Interface Relay 2c/o (SPDT), 500 V DC, 250 V / 8 A, gold contacts

CR-P690AC2 Pluggable Interface Relay 2c/o (SPDT), 690 V AC, 250 V / 8 A, gold contacts

CR-P690ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P690DC2 Pluggable Interface Relay 2c/o (SPDT), 690 V DC, 250 V / 8 A, gold contacts

CR-P800AC2 Pluggable Interface Relay 2c/o (SPDT), 800 V AC, 250 V / 8 A, gold contacts

CR-P800ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P800DC2 Pluggable Interface Relay 2c/o (SPDT), 800 V DC, 250 V / 8 A, gold contacts

CR-P900AC2 Pluggable Interface Relay 2c/o (SPDT), 900 V AC, 250 V / 8 A, gold contacts

CR-P900ACG Pluggable Interface Relay 2c/o, A1-A2 = 24 VA, 250 V / 8 A, gold contacts

CR-P900DC2 Pluggable Interface Relay 2c/o (SPDT), 900 V DC, 250 V / 8 A, gold contacts
Pluggable Relays

**CR-P/M 92**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 92 plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides overvoltage protection/free wheeling diode and a red LED indication. The rated control supply voltage is 6-220 V DC.

**CR-P/M 82**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 82 plug-in module is a pluggable function module for sockets of the CR-P and CR-M range. This module provides overvoltage protection/free wheeling diode and a green LED indication. The rated control supply voltage is 6-24 V DC.

**CR-P/M 72A**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 72A plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides overvoltage protection. The rated control supply voltage is 24 V AC.

**CR-P/M 62EV**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 62EV plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides reverse polarity/free wheeling diode and a green LED indication. The rated control supply voltage is 24-60 V AC/DC.

**CR-P/M 62E**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 62E plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides a diode and a red LED indication. The rated control supply voltage is 24-60 V DC.

**CR-P/M 62DV**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 62DV plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 24-60 V DC.

**CR-P/M 62D**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 62D plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 6-24 V DC.

**CR-P/M 62**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 62 plug-in module is a pluggable function module for sockets of the CR-P and CR-M range. This module provides a diode and a red LED indication. The rated control supply voltage is 6-24 V AC/DC.

**CR-P/M 52C**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 52C plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides arc elimination. The rated control supply voltage is 110 V DC.

**CR-P/M 42CV**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 42CV plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides reverse polarity protection/free wheeling diode and a green LED indication. The rated control supply voltage is 110 V DC.

**CR-P/M 42B**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 42B plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides reverse polarity protection/free wheeling diode and a red LED indication. The rated control supply voltage is 110 V DC.

**CR-P/M 42**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 42 plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides reverse polarity protection/free wheeling diode and a red LED indication. The rated control supply voltage is 230 V AC.

**CR-P/M 32**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 32 plug-in module is a pluggable function module for sockets of the CR-P and CR-M range. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 240 V AC.

**CR-P/M 22**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 22 plug-in module is a pluggable function module for sockets of the CR-P and CR-M range. This module provides reverse polarity protection/free wheeling diode and a green LED indication. The rated control supply voltage is 24-60 V DC.

**CR-PJ Jumper For CR-P**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 92C jumper bar is from the CR-P (pcb) relay range. This jumper bar is suitable for all CR-P sockets.

**CR-P Holder For CR-P**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 92 holder is from the CR-P (pcb) relay range. The plastic holder is suitable for CR-P sockets.

**CR-P Marker For CR-P**
- **Type**: Interface Relays and Optocouplers
- **Description**: CR-P/M 92 marker is from the CR-P (pcb) relay range. The marker is suitable for CR-P sockets.
<table>
<thead>
<tr>
<th>Image</th>
<th>Product name</th>
<th>Order code</th>
<th>Stock Indicator</th>
<th>Type</th>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S110VADC1CRGS</td>
<td>RELAY &amp; SOCKET</td>
<td>Interface relay cpl. 1c/o, A1-A2=110VAC/DC, Output=6A/250VAC gold-plated contacts, screw terminals</td>
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<tr>
<td><img src="image2.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S110/125VADC1SZ</td>
<td>SOCKET</td>
<td>Socket 1c/o, A1-A2=110-125VAC/DC, 250VAC spring terminals</td>
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<tr>
<td><img src="image3.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S060VDC1RG</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=60VDC, Output=6A/250VAC gold-plated contacts</td>
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<tr>
<td><img src="image4.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S060VDC1R</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=60VDC, Output=6A/250VAC</td>
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<tr>
<td><img src="image5.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S048VDC1RG</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=48VDC, Output=6A/150VAC gold-plated contacts</td>
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<td><img src="image6.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S048VDC1R</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=48VDC, Output=6A/150VAC</td>
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<tr>
<td><img src="image7.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S048/060VADC1SZ</td>
<td>SOCKET</td>
<td>Socket 1c/o, A1-A2=48-60VAC/DC, 250VAC spring terminals</td>
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<tr>
<td><img src="image8.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S048/060VADC1SS</td>
<td>SOCKET</td>
<td>Socket 1c/o, A1-A2=48-60VAC/DC, 250VAC screw terminals</td>
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<tr>
<td><img src="image9.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S024VDC1RG</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=24VDC, Output=6A/250VAC gold-plated contacts, spring terminals</td>
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<tr>
<td><img src="image10.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S024VDC1R</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=24VDC, Output=6A/250VAC</td>
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<tr>
<td><img src="image11.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S024VADC1CRGZ</td>
<td>INTERFACE RELAY</td>
<td>Interface relay cpl. 1c/o, A1-A2=24VAC/DC, Output=6A/250VAC gold-plated contacts, spring terminals</td>
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<td><img src="image12.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S024VADC1CRGS</td>
<td>INTERFACE RELAY</td>
<td>Interface relay cpl. 1c/o, A1-A2=24VAC/DC, Output=6A/250VAC gold-plated contacts, screw terminals</td>
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<td><img src="image13.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S024VADC1CRS</td>
<td>INTERFACE RELAY</td>
<td>Interface relay cpl. 1c/o, A1-A2=24VAC/DC, Output=6A/250VAC screw terminals</td>
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<td><img src="image14.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S024VADC1CRZ</td>
<td>INTERFACE RELAY</td>
<td>Interface relay cpl. 1c/o, A1-A2=24VAC/DC, Output=6A/250VAC spring terminals</td>
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<tr>
<td><img src="image15.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S012VDC1R</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=12VDC, Output=6A/250VAC</td>
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<tr>
<td><img src="image16.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S012/024VADC1SS</td>
<td>SOCKET</td>
<td>Socket 1c/o, A1-A2=12-24VAC/DC, 250VAC screw terminals</td>
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<tr>
<td><img src="image17.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S006/024VDC1SZ</td>
<td>SOCKET</td>
<td>Socket 1c/o, A1-A2=6-24VDC, 250VAC spring terminals</td>
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<tr>
<td><img src="image18.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S006/024VDC1SS</td>
<td>SOCKET</td>
<td>Socket 1c/o, A1-A2=6-24VDC, 250VAC screw terminals</td>
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<tr>
<td><img src="image19.jpg" alt="Image" /></td>
<td>Interface Relays and Optocouplers</td>
<td>CR-S005VDC1R</td>
<td>PLUGGABLE RELAY</td>
<td>Pluggable interface relay 1c/o, A1-A2=5VDC, Output=6A/250VAC</td>
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</tbody>
</table>

The CR-P/M 62CV plug-in module is a pluggable function module for sockets of the CR-P and CR-M range. This module provides overvoltage protection and a green LED indication. The rated control supply voltage is 110-230 V AC / 110 V DC.

The CR-P/M 92V plug-in module is a pluggable function module for the CR-P and CR-M range sockets. This module provides diode and a green LED indication. The rated control supply voltage is 110-230 V AC / 110 V DC.
### Interface Relays and Pluggable Relays

#### CR-U024DC3
**RELAY & SOCKET**
- **Order code**: CR-U024DC3
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024DC3 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024DC2L
**RELAY & SOCKET**
- **Order code**: CR-U024DC2L
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024DC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024AC3
**RELAY & SOCKET**
- **Order code**: CR-U024AC3
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024AC3 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024AC2L
**RELAY & SOCKET**
- **Order code**: CR-U024AC2L
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U012DC3L
**RELAY & SOCKET**
- **Order code**: CR-U012DC3L
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U012DC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 12 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U012DC3
**RELAY & SOCKET**
- **Order code**: CR-U012DC3
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U012DC3 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 12 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U012DC2L
**RELAY & SOCKET**
- **Order code**: CR-U012DC2L
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U012DC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 12 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U012DC2
**RELAY & SOCKET**
- **Order code**: CR-U012DC2
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U012DC2 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 12 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024AC2
**RELAY & SOCKET**
- **Order code**: CR-U024AC2
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024AC2 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated green test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024AC1
**RELAY & SOCKET**
- **Order code**: CR-U024AC1
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024AC1 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024AC0
**RELAY & SOCKET**
- **Order code**: CR-U024AC0
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024AC0 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024ACL
**RELAY & SOCKET**
- **Order code**: CR-U024ACL
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024ACL pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024AL
**RELAY & SOCKET**
- **Order code**: CR-U024AL
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024AL pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024A0
**RELAY & SOCKET**
- **Order code**: CR-U024A0
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024A0 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024A1
**RELAY & SOCKET**
- **Order code**: CR-U024A1
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024A1 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024A2
**RELAY & SOCKET**
- **Order code**: CR-U024A2
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024A2 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

#### CR-U024A3
**RELAY & SOCKET**
- **Order code**: CR-U024A3
- **Function**: Optocouplers
- **Type**: Interface Relays and Optocouplers
- **Group**: Interface Relays and Optocouplers
- **Description**: The CR-U024A3 pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 24 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
CR-U220DC2 Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 220 V DC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

CR-U120AC3 Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 120 V AC rated control supply voltage and has 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

CR-U110DC2 Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 110 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

CR-U048DC3 Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 48 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

CR-U048AC3L Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

CR-U048AC2L Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

CR-U024DC3L Pluggable interface relay from the CR-U (universal) relay range. This relay operates with a 24 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

Optocouplers have 2 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U220DC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 220 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U120AC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 120 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U110DC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 110 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048DC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V DC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated blue test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U110AC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 110 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U110AC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 110 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC3L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

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The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.

The CR-U048AC2L pluggable interface relay is from the CR-U (universal) relay range. This relay operates with a 48 V AC rated control supply voltage and has 3 c/o (SPDT) output contacts rated at 250 V / 10 A. The relay has an integrated orange test button for manual actuation and locking of the output contacts and an integrated LED. Standard sockets, logic sockets, pluggable function modules, holder and marker are available as accessories.
The CR-U 61D plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a red LED indicator. The rated control supply voltage is 6-24 V DC.

The CR-U 61CV plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a green LED indication. The rated control supply voltage is 6-24 V DC.

The CR-U 61C plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 6-24 V DC.

The CR-U 51B plug-in module is a pluggable function module for the CR-U range sockets. This module provides arc elimination. The rated control supply voltage is 6-24 V DC/AC.

The CR-U 51C pluggable module is from the CR-U (universal) relay range. This module provides reverse polarity protection/free wheeling diode. The rated control supply voltage is 110 V DC.

The CR-U 51D pluggable module is from the CR-U (universal) relay range. This module provides reverse polarity protection/free wheeling diode. The rated control supply voltage is 24-60 V DC/AC.

The CR-U 61 BV plug-in module is a pluggable function module for the CR-U range sockets. This module provides reverse polarity protection/free wheeling diode. The rated control supply voltage is 24-60 V DC/AC.

The CR-U 61C pluggable module is from the CR-U (universal) relay range. This module provides reverse polarity protection/free wheeling diode. The rated control supply voltage is 6-24 V AC / DC.

The CR-U 61D pluggable module is from the CR-U (universal) relay range. This module provides reverse polarity protection and a red LED indication. The rated control supply voltage is 24-60 V AC / DC.
**Product name**

Pluggable Relays

**Order code**

**Type**

Interface Relays and Optocouplers

**Group**

**Description**

The CR-U 81 plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection. The rated control supply voltage is 230 V AC.

- **CR-U 91**
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 91 plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 110-230 V AC / 110 V DC.
- **CR-U 91C**
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 91C plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 110-230 V AC / 110 V DC.
- **CR-U 91V**
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 91V plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a green LED indication. The rated control supply voltage is 110-230 V AC / 110 V DC.
- **CR-U 7**
  - MULTIFUNCTION TIME MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 7 plug-in module is a pluggable function module for the CR-U range sockets. The module provides several timing functions. The rated control supply voltage is 24-240 V AC / DC.
- **UMC100.3**
  - 24 V DC
  - Universal motor controller
  - UMC AND FBP
  - UMC100.3 DC, Supply 24 V DC, 6 DI, 4 DO, PTC input
  - UMC100.3 3M
  - ETHERNET
  - CDP23.150 CBL 1.5M ETHERNET-UMC100.3 unshielded, length 1.5 m
  - UMC100.3 UC, Supply 110-240 V AC/DC, ATEX, 6 DI, 4 DO, PTC, input
  - CT5L850R/4
  - TRANSF.
  - 3-PHASE CURRENT TRANSFORMER Rated nominal current range 500 … 850A
  - Primary Current 850A / Sec. Current 4A
  - CT4L185R/4
  - TRANSF.
  - 3-PHASE CURRENT TRANSFORMER Rated nominal current range 60 … 185A
  - Primary Current 185A / Sec. Current 4A
  - CT5L500R/4
  - TRANSF.
  - 3-PHASE CURRENT TRANSFORMER Rated nominal current range 310 … 500A
  - Primary Current 500A / Sec. Current 4A
  - CT4L310R/4
  - TRANSF.
  - 3-PHASE CURRENT TRANSFORMER Rated nominal current range 310 … 500A
  - Primary Current 500A / Sec. Current 4A
  - CDP18.150 CBL ETHERNET-UC100.3 1.5m
  - CDP23.150 CBL ETHERNET-UMC100.3 1.5m
  - CDP23.300 CBL ETHERNET-UMC100.3 3m
  - 1SAJ929180R0015
  - 1SAJ929501R0500
  - 1SAJ929230R0030
  - 1SAJ929230R0015
  - 1SAJ925000R0001
  - 1SAJ530000R0210
  - 1SAJ530000R1200
  - 1SVR405664R1100
  - 1SVR405664R0100
  - 1SVR405666R2000
  - 1SVR405666R1000
  - 1SVR405666R0000
  - 1SVR405664R4000
  - 1SVR405665R4100
  - 1SVR405665R0100
  - CR-U 61DV
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 61DV plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a green LED indication. The rated control supply voltage is 24-60 V AC / DC.
  - CR-U 61E
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 61E plug-in module is a pluggable function module for the CR-U range sockets. This module provides diode and a red LED indication. The rated control supply voltage is 24-60 V AC / DC.
  - CR-U 61A
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 61A plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a green LED indication. The rated control supply voltage is 6-24 V AC / DC.
  - CR-U 71A
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 71A plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection. The rated control supply voltage is 115 V AC.
  - CR-U 71
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 71 plug-in module is a pluggable function module for the CR-U range sockets. The module provides overvoltage protection. The rated control supply voltage is 24 V AC.
  - CT4L185R/4
  - TRANSF.
  - 3-PHASE CURRENT TRANSFORMER Rated nominal current range 60 … 185A
  - Primary Current 185A / Sec. Current 4A
  - CR-U 91
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 91 plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection and a red LED indication. The rated control supply voltage is 24-60 V AC / DC.
  - CR-U 81
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 81 plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection. The rated control supply voltage is 230 V AC.
  - CR-U 8
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 8 plug-in module is a pluggable function module for the CR-U range sockets. This module provides overvoltage protection. The rated control supply voltage is 230 V AC.
  - CR-U 6
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 6 plug-in module is a pluggable function module for the CR-U range sockets. This module provides diode and a red LED indication. The rated control supply voltage is 24-60 V AC / DC.
  - CR-U 5
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 5 plug-in module is a pluggable function module for the CR-U range sockets. The module provides overvoltage protection. The rated control supply voltage is 24-240 V AC / DC.
  - CR-U 4
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 4 plug-in module is a pluggable function module for the CR-U range sockets. The module provides overvoltage protection and a green LED indication. The rated control supply voltage is 24-240 V AC / DC.
  - CR-U 3
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 3 plug-in module is a pluggable function module for the CR-U range sockets. The module provides overvoltage protection and a red LED indication. The rated control supply voltage is 24-60 V AC / DC.
  - CR-U 2
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 2 plug-in module is a pluggable function module for the CR-U range sockets. The module provides overvoltage protection and a green LED indication. The rated control supply voltage is 24-60 V AC / DC.
  - CR-U 1
  - PLUGGABLE MODULE
  - Puggable Relays
  - Interface Relays and Optocouplers
  - The CR-U 1 plug-in module is a pluggable function module for the CR-U range sockets. The module provides diode and a green LED indication. The rated control supply voltage is 24-60 V AC / DC.
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<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>DX122 10-Module for UMC100, 8 DI 24VDC, 4 DO, 1AO, Supply 110-230VAC</td>
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<tr>
<td>EU32.0 ETHERNET/IP INTERFACE</td>
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<td>EU32.0 Ethernet/IP Interface</td>
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<td>ETHTB-FBP.4</td>
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<td>UMC AND FBP</td>
<td>ETHTB-FBP.4 Terminal blocks, 4pcs for Ethernet interfaces and UMC100.3</td>
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<tr>
<td>ETHTB-FBP.5</td>
<td>ETHERNET/IP TERMINAL SET X1 X4</td>
<td>1SAJ929000R0100</td>
<td>⬜️</td>
<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>ETHTB-FBP.5 Terminal blocks, 50 pcs for Ethernet interfaces and UMC100.3</td>
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<tr>
<td>IODC-CAB.030 CABLE 10 MOD.</td>
<td>D1 MOD.</td>
<td>1SAJ929000R0100</td>
<td>⬜️</td>
<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>IODC-CAB.030 Connection Cable 10 Module - 10 Module Length 0.30 m</td>
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<tr>
<td>MBP31.0 MODBUS RTU COMM. INTERFACE</td>
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<td>1SAJ151000R0000</td>
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<td>UMC AND FBP</td>
<td>MBP31.0 Modbus RTU Interface</td>
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<td>MTQ22-FBP</td>
<td>ETHERNET ADAPTER MODULE</td>
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<td>UMC AND FBP</td>
<td>MTQ22-FBP.0 Modbus/IP Interface for 4 devices</td>
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<td>OPERATOR PANEL UMC100-PAN</td>
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<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>UMC100-PAN LCD Panel with USB Interface Replaces 1SAJ929295R0102</td>
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<tr>
<td>PDP22.0 PROFIBUS DP COMM. INTERFACE</td>
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<td>⬜️</td>
<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>PDP22 PROFIBUS DP Interface</td>
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<td>PDR31.0 PROFIBUS DP TERMINATION</td>
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<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>PDR31.0 PROFIBUS Termination Unit For usage with SMK3.0</td>
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<td>PROTECTION CAP UMC100-PAN</td>
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<td>UMC AND FBP</td>
<td>UMC100-PAN CAP Protection Cap IP54</td>
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<td>SMK3.0 SINGLE MOUNTING KIT</td>
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<td>UMC AND FBP</td>
<td>SMK3.0 Single Mounting Kit</td>
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<td>SMK3-X1.10 TB SHOES</td>
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<td>⬜️</td>
<td>UMC accessory</td>
<td>UMC AND FBP</td>
<td>SMK3-X1.10 Terminal blocks communication of SMK3.0 Package with 10 pieces Price per terminal block</td>
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<td>SMK3-X2.10 TB 2POLE</td>
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<td>UMC AND FBP</td>
<td>SMK3-X2.10 Terminal blocks for supply of SMK3.0</td>
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<td>UMC10-CAB.030 CABLE</td>
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<td>UMC AND FBP</td>
<td>UMC10-CAB.030 Connection Cable UMC100 - 10 Module Length 0.30 m</td>
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<td>UMC100-PAN-CAB.070 MOUNTING SET 0.7M</td>
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<td>UMC AND FBP</td>
<td>UMC100-PAN-CAB.070 Control Panel Connection Cable 0.7 m</td>
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<td>UMC100-PAN-CAB.150 MOUNTING SET 1.5M</td>
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<td>UMC AND FBP</td>
<td>UMC100-PAN-CAB.150 MOUNTING SET 1.5M</td>
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<td><img src="image1.png" alt="UMCPAN-CAB.300" /></td>
<td>MOUNTING SET 3M</td>
<td>1SAJ050002R0002</td>
<td><img src="image2.png" alt="Stock Indicator" /></td>
<td>URC accessory</td>
<td>UMC AND FBP</td>
<td>UMCPAN-CAB.300 Control Panel Connection Cable 3 m</td>
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<td><img src="image3.png" alt="UMCTB-FBP.0" /></td>
<td>TERMINAL BLOCKS FOR UMC</td>
<td>1SAJ921002R0001</td>
<td><img src="image2.png" alt="Stock Indicator" /></td>
<td>URC accessory</td>
<td>UMC AND FBP</td>
<td>UMCTB-FBP.0 Set of terminal blocks for UMC DC</td>
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<tr>
<td><img src="image4.png" alt="UTF22-FBP.0" /></td>
<td>PROFIBUS USB INTERFACE</td>
<td>1SAJ921003R0005</td>
<td><img src="image2.png" alt="Stock Indicator" /></td>
<td>URC accessory</td>
<td>UMC AND FBP</td>
<td>The UTF22-FBP allows to configure and monitor FBP devices connected to a PROFIBUS network from a service laptop.</td>
</tr>
<tr>
<td><img src="image5.png" alt="VI150 VOLTAGE-MODULE FOR UMC100" /></td>
<td>VOLTAGE-MODULE FOR UMC100</td>
<td>1SAJ650000R0100</td>
<td><img src="image2.png" alt="Stock Indicator" /></td>
<td>URC accessory</td>
<td>UMC AND FBP</td>
<td>Voltage expansion module for UMC100. Usage for grounded networks (TN) only. With this module the UMC100 provides voltage and power based supervision. Available process data: line to line voltage, power, energy, cosphi, THD (total harmonic distortion)</td>
</tr>
<tr>
<td><img src="image6.png" alt="VI155 VOLTAGE-MODULE FOR UMC100 IT" /></td>
<td>VOLTAGE-MODULE FOR UMC100 IT</td>
<td>1SAJ650000R0100</td>
<td><img src="image2.png" alt="Stock Indicator" /></td>
<td>URC accessory</td>
<td>UMC AND FBP</td>
<td>VI155-FBP.0 Voltage-Module for UMC100. Also for use in IT networks, Ue 150-690V AC Supply Voltage 24V DC</td>
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