

Operator interface and signaling devices

Section 15

Operator interface and signaling devices

Table of contents

22mm - Modular plastic range

Modular plastic range	15-1
Modular pushbuttons - non-Illuminated and illuminated	15-2
Double pushbuttons - non-Illuminated and illuminated	15-3
Heavy duty pushbutton	15-3
Modular flush reset pushbutton with shaft	15-3
Emergency stop pushbuttons - non-Illuminated and illuminated	15-3
Modular pilot lights	15-3
Modular selector switch	15-4
Complete potentiometer	15-4
Toggle switch	15-4
Joysticks IP67 and IP69K	15-4
Accessories	15-5

22mm - Compact range

Compact pushbutton - non-Illuminated and illuminated	15-7
Emergency stop pushbuttons - non-Illuminated	15-7
Selector switch	15-7
Buzzer	15-8
LED pilot light	15-8
Accessories	15-8

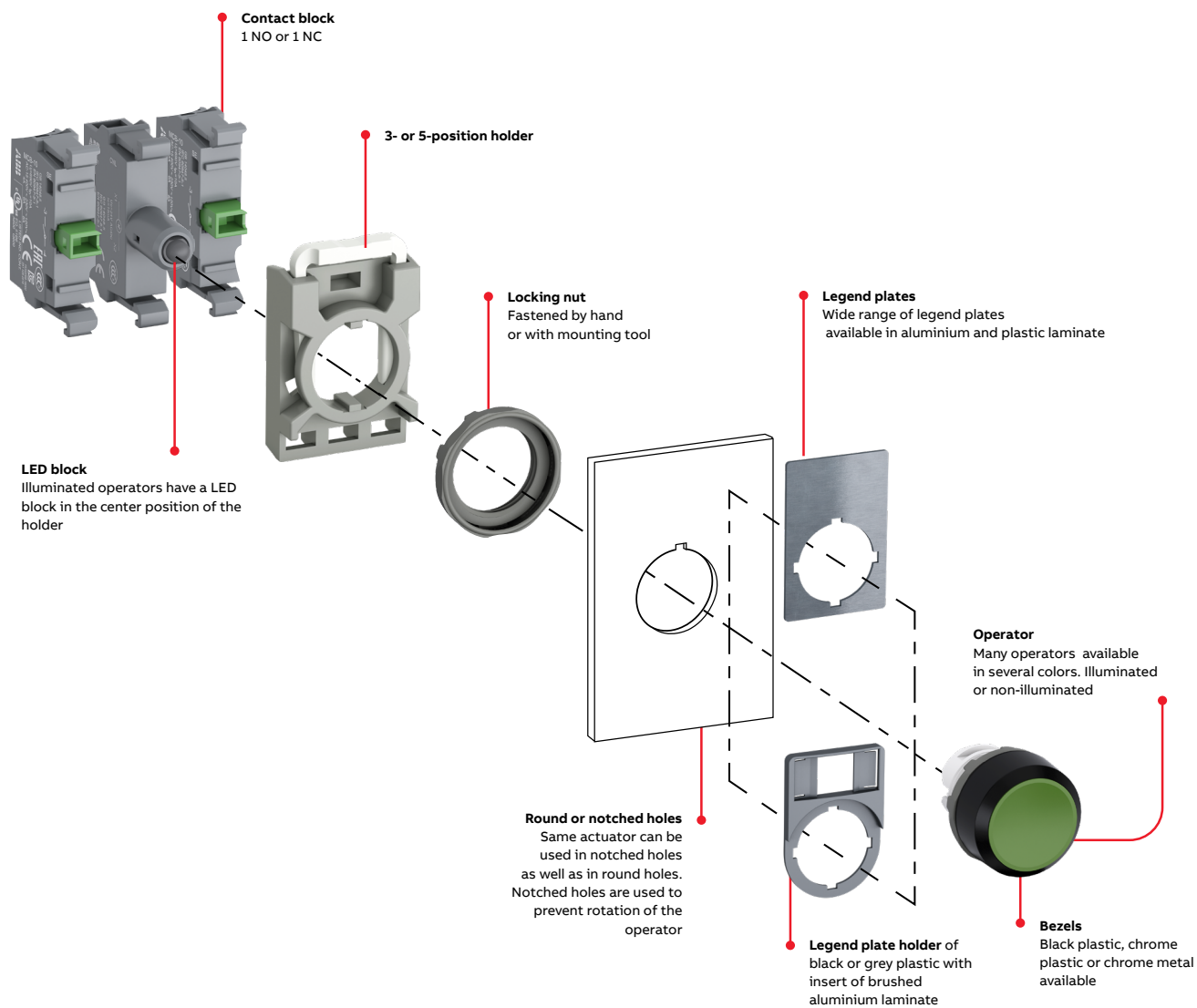
22mm - Modular metal range

Modular metal pushbuttons - non-Illuminated and illuminated	15-9
Marked pushbuttons	15-9
Mushroom pushbuttons	15-9
Pilot lights	15-10
Accessories	15-11

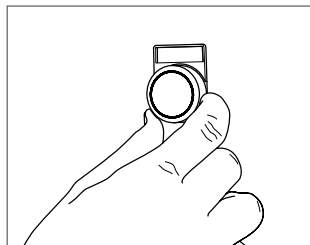
30mm Heavy Duty range

Heavy duty push buttons and pilot lights	15-13
Heavy duty selector switches	15-14
Heavy duty accessories	15-15

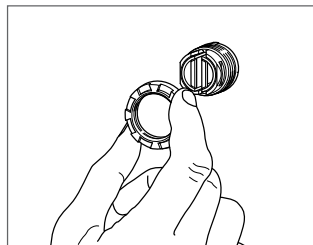
Modular plastic range



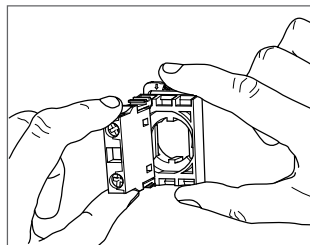
Easy to install



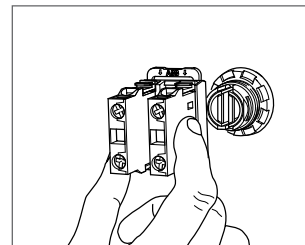
The operator is to be inserted from the front...



...and secured at the back with the nut.

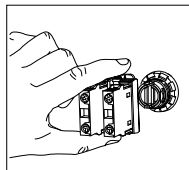
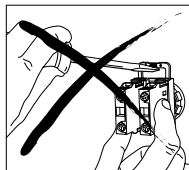


The contact blocks/LED block are then snapped on to the holder...



...and the holder snaps on to the operator.

...and to remove



Press down the spring on the holder and pull the holder from the actuator.

Simple and fast installation



Watch the video

Pilot Devices

Stocked 22mm - Modular plastic range



Modular pushbuttons, 22mm, Non-Illuminated

Color	Bezel	Ordering code
Momentary flush pushbutton		
red	black plastic	MP1-10R
red	chrome metal	MP1-30R
green	black plastic	MP1-10G
green	chrome metal	MP1-30G
black	black plastic	MP1-10B
black	chrome metal	MP1-30B
clear	black plastic	MP1-10C
blue	black plastic	MP1-10L
white	black plastic	MP1-10W
yellow	black plastic	MP1-10Y
Momentary extended pushbutton		
red	black plastic	MP3-10R
green	black plastic	MP3-10G
black	black plastic	MP3-10B
clear	black plastic	MP3-10C



Modular pushbuttons, 22mm, Illuminated

Color	Bezel	Ordering code
Momentary flush pushbutton		
red	black plastic	MP1-11R
red	chrome metal	MP1-31R
green	black plastic	MP1-11G
green	chrome metal	MP1-31G
clear	black plastic	MP1-11C
blue	black plastic	MP1-11L
white	black plastic	MP1-11W
yellow	black plastic	MP1-11Y
Maintained flush pushbutton		
red	black plastic	MP2-11R
green	black plastic	MP2-11G
Momentary extended pushbutton		
red	black plastic	MP3-11R
green	black plastic	MP3-11G
white	black plastic	MP3-11W

Table continues on next page.

Pilot Devices

Stocked 22mm - Modular plastic range



Modular double pushbuttons, 22mm, Non-Illuminated

Upper button color	Upper button text	Lower button color	Lower button text	Ordering code
Extended lower pushbutton				
green	START	red	STOP	MPD15-11B



Modular double pushbuttons, 22mm, Illuminated

Upper button color	Upper button text	Lower button color	Lower button text	Indicator light	Ordering code
Extended lower pushbutton					
green	START	red	STOP	Clear	MPD15-11C



Modular heavy duty pushbutton

Color	Ordering code
Black	KP6-40B



Modular flush reset pushbutton with shaft

Color	Text	Ordering code
Black	RESET	KPR3-104B
Blue	R	KPR3-101L

Emergency stop pushbuttons



Diameter (mm)	Color	Release method	Ordering code
Non-illuminated			
30	Red	Twist release	MPET3-10R
40	Red	Twist release	MPET4-10R
40	Red	Pull release	MPEP4-10R
40	Red	Key release code 71/ronis 455	MPEK4-11R
60	Red	Twist release	MPMT4-10R
Illuminated			
40	Red	Twist release	MPMT3-11R
60	Red	Twist release	MPMT4-11R



Modular pilot lights



Color	Ordering code
clear	ML1-100C
green	ML1-100G
blue	ML1-100L
red	ML1-100R
white	ML1-100W
yellow	ML1-100Y

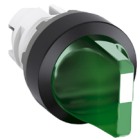
Pilot Devices

Stocked 22mm - Modular plastic range



Modular selector switch

Action	Color	Bezel	Illumination	Ordering code
2 position, short handle				
Maintained BC	Black	Black plastic	non-illuminated	M2SS1-10B
Maintained AC	Black	Black plastic	non-illuminated	M2SS2-10B
Maintained AC	Black	Chrome metal	non-illuminated	M2SS2-30B
3 position, short handle				
Maintained ABC	Black	Black plastic	non-illuminated	M3SS1-10B
Maintained ABC	Black	Chrome metal	non-illuminated	M3SS1-30B
Momentary, spring return from A to B and from C to B	Black	Black plastic	non-illuminated	M3SS2-10B
Momentary, spring return from C to B	Black	Black plastic	non-illuminated	M3SS3-10B
Momentary, spring return from A to B	Black	Black plastic	non-illuminated	M3SS7-10B
2 position, long handle				
Maintained BC	Black	Black plastic	non-illuminated	M2SS4-10B
Maintained AC	Black	Black plastic	non-illuminated	M2SS5-10B
3 position, long handle				
Maintained ABC	Black	Black plastic	non-illuminated	M3SS4-10B
2 position, short handle				
Maintained AC	Green	Black plastic	Illuminated	M2SS2-11G
Maintained ABC	Green	Black plastic	Illuminated	M3SS1-11G
2 position, key release code 71/ronis 455				
Maintained BC (key removed in both positions)	---	Black plastic	non-illuminated	M2SSK1-101
Maintained BC (key removed in position B only)	---	Black plastic	non-illuminated	M2SSK2-101
Momentary, spring return from C to B (removed B only)	---	Black plastic	non-illuminated	M2SSK3-101
3 position, key release code 71/ronis 455				
Maintained ABC (key removed in all positions)	---	Black plastic	non-illuminated	M3SSK1-101
Momentary, spring return from A to B and from C to B (key removed B only)	---	Black plastic	non-illuminated	M3SSK3-101



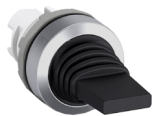
Complete potentiometer

Description	Bezel	Ordering code
Black knob with integrated position indication and marking in white		
With resistor 5 kohm	Black plastic	MT-105B
With resistor 5 kohm	Chrome metal	MT-305B
With resistor 10 kohm	Black plastic	MT-110B
With resistor 10 kohm	Chrome metal	MT-310B



Toggle switch

Description	Bezel	Ordering code
Maintained AC	Black plastic	MTS1-10B
Momentary, spring return from A to B and from C to B	Black plastic	MTS2-10B



Joysticks IP67 and IP69K

Description	Bezel	Ordering code
2-position momentary	Chrome metal	MJS2-60B
4-position momentary	Chrome metal	MJS6-60B



Pilot Devices

Stocked 22mm - Modular plastic range accessories



Holders

Description	Ordering code
3-positions	MCBH-00
5-positions	MCBH5-00



Contact blocks

Description	Ordering code
Single contact blocks for front mounting	
1 NO	MCB-10
1 NC	MCB-01
1 NO with gold plated contacts	MCB-10G
1 NC with gold plated contacts	MCB-01G
Micro switch contact blocks	
1 NO	MCBL-10
1 NC	MCBL-01
Double contact blocks for front mounting	
2 NO	MCB-20
2 NC	MCB-02
Single contact blocks for back mounting	
1 NO	MCB-10B
1 NC	MCB-01B



LED blocks, 10 mA	Rated voltage	Wave length mm	Luminance mcd	Ordering code
Color				
Red	24V AC/DC	620	250	MLBL-01R
Green	24V AC/DC	520	1500	MLBL-01G
Yellow	24V AC/DC	588	250	MLBL-01Y
Blue	24V AC/DC	468	450	MLBL-01L
White	24V AC/DC	---	600	MLBL-01W
Red	110-130V AC	620	200	MLBL-04R
Green	110-130V AC	520	1200	MLBL-04G
Yellow	110-130V AC	588	250	MLBL-04Y
White	110-130V AC	---	500	MLBL-04W
Red	110-130V DC	620	250	MLBL-05R
Red	230V AC	620	250	MLBL-07R
Green	230V AC	520	1500	MLBL-07G
Yellow	230V AC	588	300	MLBL-07Y

Specific Accessories for Modular Metal Range

Adapter ring for 30 mm hole to mount P9 22 mm in a 30 mm hole	P9A-RAM32
Locking ring wrench	P9A-CWAF
Shroud for modular emergency stop, yellow	MA1-8053
Shroud for compact emergency stop, yellow	CA1-8053
Protective cover for flush pushbuttons (modular/compact)	KA1-8010



Table continues on next page.

Pilot Devices

Stocked 22mm - Modular plastic range accessories



Specific Accessories for Modular Metal Range

Spacer, 1mm thick	SK615516-1
Blanking plug, black (modular/compact)	KA1-8028
Black legend plate holder	KA1-8120
Legend plate without text or symbol	KA1-8121
Legend plate "Start", 22mm	SK615550-44
Legend plate "Emergency stop", 22mm	SK615552-15
Legend plate "Forward", 22mm	SK615552-17
Legend plate "Off", 22mm	SK615552-21
Legend plate "On", 22mm	SK615552-22
Legend plate "Reverse", 22mm	SK615552-28
Legend plate "Run", 22mm	SK615552-29
Legend plate "Stop", 22mm	SK615552-31
Legend plate, black on yellow aluminum, "Emergency stop"	CA6-1026



Empty enclosures in plastic

1-seat - Grey	MEP1-0
2-seat - Grey	MEP2-0
3-seat - Grey	MEP3-0
4-seat - Grey	MEP4-0
6-seat - Grey	MEP6-0
1-seat - Yellow	MEPY1-0
For emergency stop pushbuttons - Yellow, Compact - IP66,67,69K	CEPY1-0



Empty enclosures in aluminium - Grey color

1-seat	080SP-1
2-seat	080SP-2
3-seat	080SP-3
4-seat	080SP-4

Pilot Devices

Stocked 22mm - Compact range



Compact pushbutton

Color	Contacts	Voltage rating	Bezel	Ordering code
Non-illuminated, momentary flush				
Red	1 NO	---	black plastic	CP1-10R-10
Red	1 NC	---	black plastic	CP1-10R-01
Red	1 NC	---	chrome metal	CP1-30R-01
Red	1 NO + 1 NC	---	black plastic	CP1-10R-11
Green	1 NO	---	black plastic	CP1-10G-10
Green	1 NO	---	chrome metal	CP1-30G-10
Green	1 NO + 1 NC	---	black plastic	CP1-10G-11
Green	2 NO	---	black plastic	CP1-10G-20
Yellow	1 NO	---	black plastic	CP1-10Y-10
Blue	1 NO	---	black plastic	CP1-10L-10
Black	1 NO	---	black plastic	CP1-10B-10
Black	1 NO + 1 NC	---	black plastic	CP1-10B-11
Black	2 NO	---	black plastic	CP1-10B-20
Illuminated, momentary flush				
Red	1 NO	24V AC/DC	black plastic	CP1-11R-10
Green	1 NO	24V AC/DC	black plastic	CP1-11G-10
Green	1 NO	110-130V AC/DC	black plastic	CP1-12G-10



Compact, non-illuminated emergency stop pushbuttons

Diameter (mm)	Color	Release method	Contacts	Ordering code
30	Red	Twist release	1 NC	CE3T-10R-01
30	Red	Twist release	2 NC	CE3T-10R-02
30	Red	Twist release	1 NO + 1 NC	CE3T-10R-11
40	Red	Pull release	2 NC	CE4P-10R-02
40	Red	Pull release	1 NO + 1 NC	CE4P-10R-11
40	Red	Twist release	1 NC	CE4T-10R-01
40	Red	Twist release	2 NC	CE4T-10R-02
40	Red	Twist release	1 NO + 1 NC	CE4T-10R-11
40	Red	Key release, ronix 455, key 71	2 NC	CE4K1-10R-02
40	Red	Key release, ronix 455, key 71	1 NO + 1 NC	CE4K1-10R-11



Compact selector switch

Action	Color	Bezel	Contacts	Ordering code
2 position, short handle				
Maintained BC	black	black plastic	1 NO	C2SS1-10B-10
Maintained BC	black	black plastic	1 NO + 1 NC	C2SS1-10B-11
Maintained BC	black	black plastic	2 NO	C2SS1-10B-20
Maintained AC	black	black plastic	1 NO	C2SS2-10B-10
Maintained AC	black	black plastic	1 NO + 1 NC	C2SS2-10B-11
Maintained AC	black	black plastic	2 NO	C2SS2-10B-20
3 position, short handle				
Maintained ABC	black	black plastic	2 NO	C3SS1-10B-20
Momentary, spring return from A to B and C to B	black	black plastic	2 NO	C3SS2-10B-20
Momentary, spring return from A to B and C to B	black	chrome metal	2 NO	C3SS230B-20



Pilot Devices

Stocked 22mm - Compact range and accessories



Compact buzzer

Action	Illumination	Color	Voltage rating	Ordering code
Pulsation	non-illuminated	Red	24V AC/DC	CB1-610R
Continuous	illuminated	Black	24V AC/DC	CB1-620B
Continuous	illuminated	Black	110-130V AC	CB1-621B
Pulsation	illuminated	Black	24V AC/DC	CB1-630B
Pulsation	illuminated	Black	110-130V AC	CB1-631B



Compact LED pilot light

Color	Voltage rating	Ordering code
red	24V AC/DC	CL2-502R
green	24V AC/DC	CL2-502G
clear	24V AC/DC	CL2-502C
blue	24V AC/DC	CL2-502L
yellow	24V AC/DC	CL2-502Y
green	110-130V AC	CL2-513G
red	110-130V AC	CL2-513R
yellow	110-130V AC	CL2-513Y
green	110-130V DC	CL2-515G
red	110-130V DC	CL2-515R
yellow	110-130V DC	CL2-515Y
clear	230V AC	CL2-523C
green	230V AC	CL2-523G
red	230V AC	CL2-523R
yellow	230V AC	CL2-523Y

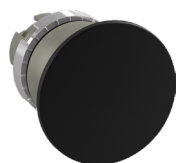
Accessories



Description	Ordering code
Chrome metal pushbutton bezel (compact)	KA1-8021
30mm adaptors for 22mm operator, black plastic (modular/compact)	KA1-8029
30mm adaptors for 22mm operator, chrome metal (modular/compact)	KA1-8030
Mounting tool for tightening the locking nut	MA1-8015

Pilot Devices

Stocked 22mm - Modular metal range



Modular Metal pushbuttons - 22mm

Description		Ordering code
Momentary flush pushbutton		
red		P9M-PNRG
green		P9M-PNVG
black		P9M-PNNG
blue		P9M-PNLG
yellow		P9M-PNGG
white		P9M-PN BG
Momentary extended pushbutton		
red		P9M-PNRS
green		P9M-PNVS
black		P9M-PNNS
white		P9M-PNBS
Momentary flush pushbutton - Illuminated		
red		P9M-PLRGD
green		P9M-PLVGD
blue		P9M-PLLGD
yellow		P9M-PLGGD
white		P9M-PLBGD
Momentary extended pushbutton - Illuminated		
red		P9M-PLRSD
green		P9M-PLVSD
white		P9M-PLBSD
orange		P9M-PLASD
Marked pushbuttons - momentary		Text
green	START	P9M-PNVG202
red	STOP	P9M-PNRG201
blue	R	P9M-PNLG037
red	O	P9M-PNRG029
green	I	P9M-PNVG028
black	I	P9M-PNNG028
Mushroom pushbuttons - maintained		Operator size
red	Ø 40 mm	P9M-EM4RN
green	Ø 40 mm	P9M-EM4VN
black	Ø 40 mm	P9M-EM4NN
Mushroom pushbuttons - momentary		Release method
red	Ø 40 mm	Twist release
Mushroom pushbuttons - maintained with key		Key code
red	Key code 37	P9M-EC4RN37
Mushroom pushbuttons - momentary - Illuminated		Operator size
red	Ø 40 mm	-
Mushroom pushbuttons - maintained - Illuminated		Release method
red	Ø 40 mm	Pull release
		P9M-ET4RL1

Pilot Devices

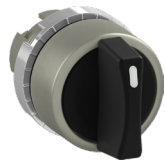
Stocked 22mm - Modular metal range



Pilot lights	
	Ordering code
clear	P9M-LID
green	P9M-LVD
blue	P9M-LLD
red	P9M-LRD
white	P9M-LBD
yellow	P9M-LGD
orange	P9M-LAD

Pilot Devices

Stocked 22mm - Modular metal accessories



Selector switches

Key-operated 2-position	Ordering code
Maintained BC	P9M-SCI0C01
Momentary BC	P9M-SCI5C01
Key-operated 3-position	
Maintained ABC	P9M-SCZ0T01
Momentary ABC, spring return from A to B and from C to B	P9M-SCZ3C01
2-position	
Maintained AC	P9M-SMD0N
Maintained BC	P9M-SMI0N
Momentary BC, spring return from C to B	P9M-SMI5N
3-position - short handle	
Maintained ABC	P9M-SMZ0N
Momentary ABC, spring return from A to B and from C to B	P9M-SMZ3N
Momentary ABC, spring return from C to B	P9M-SMZ5N

Contact blocks

Description	Ordering code
Single contact blocks - Faston Terminals	
1 NO	P9B-10FN
1 NC	P9B-01FN
Holders	
3-position	P9A-CFS3
5-position	P9A-CFS5
Single contact blocks for front mounting	
1 NO	P9B-10VN
1 NC	P9B-01VN
Single contact blocks with N.O. early make contacts and N.C. late break contacts	
1 NO	P9B-10VA
1 NC	P9B-01VR
Double contact blocks	
1 NO + 1 NC	P9B-11VN
2 NO	P9B-20VN
2 NC	P9B-02VN
Power Supply block for LED bulbs (BA9S)	
Full voltage - bulb not included IEC: BA9S max 380 V - 2 W UL - CSA: BA9S max 250 V - 2 W	P9P-DNV0
Power Supply block for LED bulbs (BA9S) - Faston Terminals	
Full voltage - bulb not included IEC: BA9S max 380 V - 2 W UL - CSA: BA9S max 250 V - 2 W	P9P-DNF0
Full voltage - bulb not included IEC: BA9S max 380 V - 2 W UL - CSA: BA9S max 250 V - 2 W	P9P-DNF0-AA



Pilot Devices

Stocked 22mm - Modular metal accessories

LED blocks for front mounting	Voltage	Ordering code
green	24V AC/DC	P9P-LNVDV
blue	24V AC/DC	P9P-LNVDL
red	24V AC/DC	P9P-LNVDR
white	24V AC/DC	P9P-LNVDB
yellow	24V AC/DC	P9P-LNVDG
green	120V AC	P9P-LNVJV
blue	120V AC	P9P-LNVJL
red	120V AC	P9P-LNVJR
white	120V AC	P9P-LNVJB
yellow	120V AC	P9P-LNVJG
green	230V AC	P9P-LNVNV
blue	230V AC	P9P-LNVNL
red	230V AC	P9P-LNVNR
white	230V AC	P9P-LNVNB
yellow	230V AC	P9P-LNVNG

Accessories



Protection cover	Ordering code
Protection cover padlockable for standard pushbuttons, illuminated pushbuttons, selector switches, illuminated selector switches	P9A-CRCL



Maintained accessory	Ordering code
Device for standard pushbuttons, illuminated pushbuttons: To be used only with contact blocks P9B01VN, P9B01VR, P9B10VA and P9B01FN	P9A-CDPP

Tools	Ordering code
Locking ring wrench	P9A-CWAF



Adapter ring	Ordering code
Adapter ring for 30 mm hole to mount P9 22 mm in a 30 mm hole	P9A-RAM32

Terminal adapter	Ordering code
PCB adapter for faston contacts	P9A-CA6



Rubber protective caps (IP66) for standard pushbuttons	Ordering code
Flush Pushbuttons	
Red	080CP-R
Green	080CP-V
Black	080CP-N
Clear	080CP-T
Extended pushbuttons	
Clear	P9A-RCST

Modular pilot devices

Heavy duty 30mm



Heavy duty 30mm push buttons

Color	Cap type	Contacts	Ordering code
All caps colors included	Extended	1NO+1NC	A3PBE1-6007-91
Green	Extended	1NO+1NC	A3PBE1-600G-91
Red	Extended	1NO+1NC	A3PBE1-600R-91
All caps colors included	Flush	1NO+1NC	A3PBF1-6007-91
Black	Flush	1NO	A3PBF1-600B-10
Green	Flush	1NO+1NC	A3PBF1-600G-91
Blue	Flush	1NO+1NC	A3PBF1-600L-91
Red	Flush	1NO+1NC	A3PBF1-600R-91

Heavy duty 30mm illuminated push buttons

Color	Cap type	Lamp voltage	Contacts	Ordering code
Green	Extended	24V AC/DC	1NO+1NC	A3PLE1-6L2G-91
Amber	Extended	24V AC/DC	1NO+1NC	A3PLE1-6L2M-91
Red	Extended	24V AC/DC	1NO+1NC	A3PLE1-6L2R-91
Green	Extended	120V AC/DC	1NO+1NC	A3PLE1-6L4G-91
Blue	Extended	120V AC/DC	1NO+1NC	A3PLE1-6L4L-91
Amber	Extended	120V AC/DC	1NO+1NC	A3PLE1-6L4M-91
Red	Extended	120V AC/DC	1NO+1NC	A3PLE1-6L4R-91
Green	Extended	Transformer 120V AC	1NO+1NC	A3PLE1-6L5G-91
Amber	Extended	Transformer 120V AC	1NO+1NC	A3PLE1-6L5M-91
Red	Extended	Transformer 120V AC	1NO+1NC	A3PLE1-6L5R-91
Green	Extended	Transformer 240V AC	1NO+1NC	A3PLE1-6L6G-11
Amber	Extended	Transformer 240V AC	1NO+1NC	A3PLE1-6L6M-11

Heavy duty 30mm pilot lights

Color	Lamp type	Lamp voltage	Ordering code
Green	Full Voltage LED	24V AC/DC	A3L4AA-6L2G
Blue	Full Voltage LED	24V AC/DC	A3L4AA-6L2L
Amber	Full Voltage LED	24V AC/DC	A3L4AA-6L2M
Red	Full Voltage LED	24V AC/DC	A3L4AA-6L2R
White	Full Voltage LED	24V AC/DC	A3L4AA-6L2W
Green	Full Voltage LED	120V AC/DC	A3L4AA-6L4G
Amber	Full Voltage LED	120V AC/DC	A3L4AA-6L4M
Red	Full Voltage LED	120V AC/DC	A3L4AA-6L4R
White	Full Voltage LED	120V AC/DC	A3L4AA-6L4W
Green	Transformer LED	120V AC	A3L4AA-6L5G
Blue	Transformer LED	120V AC	A3L4AA-6L5L
Amber	Transformer LED	120V AC	A3L4AA-6L5M
Red	Transformer LED	120V AC	A3L4AA-6L5R
Green	Transformer LED	240V AC	A3L4AA-6L6G
Red	Transformer LED	240V AC	A3L4AA-6L6R
Red	Transformer LED	480V AC	A3L4AA-6L8R
Green	Full Voltage LED	6-24V AC/ DC	A3L4AA-6LLG
Red	Full Voltage LED	6-24V AC/ DC	A3L4AA-6LLR

Modular pilot devices

Heavy duty 30mm

Heavy duty 30mm momentary mushroom push buttons

Color	Mushroom size	Contacts	Ordering code
Black	44mm	1NO+1NC	A3PB41-600B-91
Green	44mm	1NO	A3PB41-600G-10
Red	44mm	1NC	A3PB41-600R-01
Red	44mm	1NO	A3PB41-600R-10
Yellow	44mm	1NO	A3PB41-600Y-10

Heavy duty 30mm maintained mushroom push buttons

Color	Mushroom Size	Release type	Contacts	Ordering code
Black	44mm	Pull release	1NO+1NC	A3PP42-600B-11
Red	44mm	Pull release	1NO+1NC	A3PP42-600R-11
Red	44mm	Twist release	1NO+1NC	A3PT4R-600R-91

Heavy duty 30mm illuminated momentary mushroom push buttons

Color	Mushroom size	Contacts	Ordering code
Red	44mm	1NO	A3PL41-6LBR-10

Heavy duty 30mm illuminated maintained mushroom push buttons

Color	Mushroom size	Release type	Lamp voltage	Contacts	Ordering code
Green	44mm	Pull release	24V AC/DC	1NO+1NC	A3PP42-6L2G-11
Red	44mm	Pull release	24V AC/DC	1NO+1NC	A3PP42-6L2R-91
Red	44mm	Pull release	Transformer 120V AC	1NO+1NC	A3PP42-6L5R-91
Red	44mm	Pull release	120V AC/DC	1NO+1NC	A3PP42-6L4R-91

Heavy duty 30mm selector switches

Lever Insert Color	Position	CAM type	Contacts	Ordering code
White	2 Position	A CAM	None	A3SSAA-6AAB-00
White	2 Position	A CAM	1NO+1NC	A3SSAA-6AAB-91
White	3 Position	C CAM	None	A3SSCA-6AAB-00
White	3 Position	C CAM	1NO+1NC	A3SSCA-6AAB-91
White	3 Position	C CAM	None	A3SSCB-6AAB-00

Modular pilot devices

Heavy duty 30mm

Heavy duty 30mm accessories | Contact Blocks

Description	Contacts	Ordering code
Contact block	1NC	A3XC01
Contact block	1NC LATE BREAK	A3XC0B
Contact block	1NO	A3XC10
Contact block	1NO+1NC	A3XC91
Contact block	1NO EXTRA LATE BREAK	A3XC0N

Heavy duty 30mm accessories | Caps

Color	Lamp type	Ordering code
Red	44mm Mushroom Pushbutton	A3XL4NR
Red	60mm Mushroom Pushbutton	A3XL6NR
Clear	Extended Pushbutton	A3XLELC
Green	Extended Pushbutton	A3XLELG
Blue	Extended Pushbutton	A3XLELL
Amber	Extended Pushbutton	A3XLELM
Red	Extended Pushbutton	A3XLELR
White	Extended Pushbutton	A3XLELW
All Caps Colors Included	Extended Pushbutton	A3XLENA
Green	Extended Pushbutton	A3XLENG
Red	Extended Pushbutton	A3XLENR
All Caps Colors Included	Flush Pushbutton	A3XLFNA
Green	Flush Pushbutton	A3XLFNG
Blue	Flush Pushbutton	A3XLFNL
Red	Flush Pushbutton	A3XLFNR
Yellow	Flush Pushbutton	A3XLFNY
Green	Kit Knob and Lens	A3XLKLG
Amber	Kit Knob and Lens	A3XLKLM
Red	Kit Knob and Lens	A3XLKLR
White	Kit Knob and Lens	A3XLKLW
Clear	Illuminated Lens	A3XLLLC
Green	Illuminated Lens	A3XLLLG
Amber	Illuminated Lens	A3XLLLM
Red	Illuminated Lens	A3XLLLR
White	Illuminated Lens	A3XLLLW
Red	44mm Metal Mushroom	A3XLM4R
Red	44mm Illuminated Metal Mushroom	A3XLMNR
Red	44mm Mushroom Twist Release	A3XLTNR

Heavy duty 30mm accessories | Lamp module

Color	Voltage	Ordering code
Red	Full Voltage 24V AC/DC	A3XM4LR
Yellow	Full Voltage 24V AC/DC	A3XM4LY
Green	Full Voltage 24-240V AC/DC	A3XM4LUG
No Color	Full Voltage 120V AC	A3XMN4N
No Color	Transformer 240V AC	A3XMN6N
No Color	Transformer 277V AC	A3XMN7N
No Color	Transformer 480V AC	A3XMN8N

Modular pilot devices

Heavy duty 30mm

Heavy duty 30mm accessories | Lamps

Color	Voltage	Ordering code
Green	Full Voltage 24V AC/DC	A3XBL2G
Red	Full Voltage 24V AC/DC	A3XBL2R
Blue	Full Voltage 120V AC/DC	A3XBL4L
Red	Full Voltage 120V AC/DC	A3XBL4R
Yellow	Full Voltage 120V AC/DC	A3XBL4Y
White	Full Voltage 6V AC/DC	A3XBL6W

Heavy duty 30mm accessories | Key and boots

Description	Ordering code
501 Spare Key	A3XK501
Black Protective Boot	A3XLP0B
Clear Protective Boot	A3XLP0C

Nameplates

Description	Ordering code
STOP (RED)	CR104PXN1RP040
HAND OFF	CR104PXN1BP070
OFF ON	CR104PXN1BP057
START	CR104PXN1BP037

Enclosures

Description	Color	Holes	Ordering code
NEMA Type 1, 3, 3R, 12, 13	Painted Sheet Steel	3	CR104PEG13
NEMA Type 1, 3, 3R, 12, 13	Painted Sheet Steel	2	CR104PEG12
NEMA Type 1, 3, 3R, 12, 13	Painted Sheet Steel	1	CR104PEG11