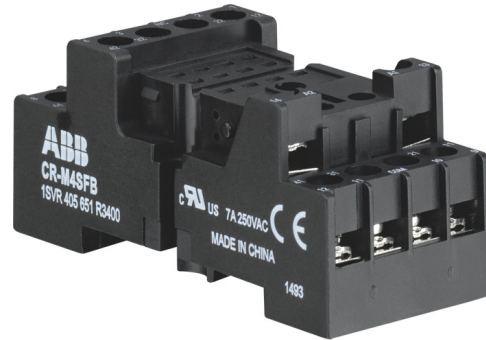


Accessories for pluggable interface relays CR-MX

Sockets

Characteristics

- Standard socket for interface relays CR-MX
- Snap-on mounting on DIN rail
- Connector for pluggable function modules:
 - Reverse polarity protection/free wheeling diode
 - LED indication
 - RC element
 - Overvoltage protection



2CDC291011S0014

Order data

Standard sockets

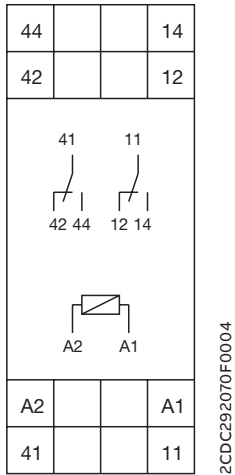
Position of connecting terminals: coil connection (A1-A2) on lower socket side, contact connections (n/o and n/c contacts) on the lower and upper socket side.

Type	Description	Order code
CR-M2SFB	for 2 c/o (SPDT) contacts with screw connection, black (fork type)	1SVR405651R1400
CR-M4SFB	for 2 or 4 c/o (SPDT) contacts with screw connection, black (fork type)	1SVR405651R3400

Accessories for CR-MX sockets

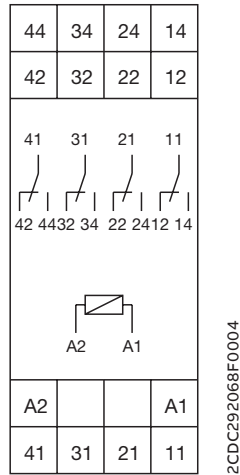
Type	Description	Order code
CR-MH1	Metal holder	1SVR405659R1100

Electrical connection



—
CR-M2SFB

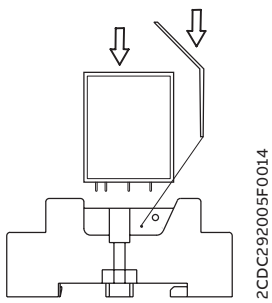
A1-A2 Supply voltage
11-12/14, Relay outputs
41-42/44



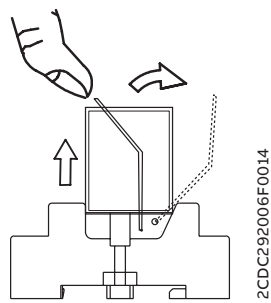
—
CR-M4SFB

A1-A2 Supply voltage
11-12/14, Relay outputs
21-22/24,
31-32/34
41-42/44

Mounting and removal of sockets



—
Mounting



—
Removal

Technical data

Output circuits

Type	CR-MxSFB
Output circuits	11-12/14, 21-22/24, ...
Number of poles	2 or 4
Rated voltage	250 V AC
Rated current	7 A

General data

Dimensions without holder and module (L x W x H)	66.7 x 30.3 x 29 mm (2.626 x 1.193 x 1.142 in)	
Degree of protection	terminals	IP 20 B (EN 60529)
Temperature range	operation	-40...+70 °C
	storage	-40...+70 °C
Connection type	fork type screw	
Connecting capacity	rigid	2 x 0.5-2.5 mm ² (2 x 20-14 AWG)
	fine-strand	2 x 0.5-2.5 mm ² (2 x 20-14 AWG)
	with wire end ferrule	2 x 0.5-1.5 mm ² (2 x 20-16 AWG)
Stripping length	7 mm (0.28 in)	
Tightening torque	0.6 Nm (5.31 lb.in)	
Mounting	DIN rail (IEC/EN 60715)	
Material	socket	PA 6+GF - V2
	contacts	CuZn33
	contact surface	6 μ Ni
	terminals	8 μ Ni
	combi screw M3	8.8 Steel, 5 μ Ni

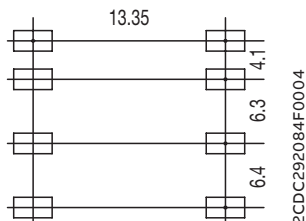
Isolation data

Insulation voltage	> 4 kV
Clearance and creepage distance	IEC/EN 61984

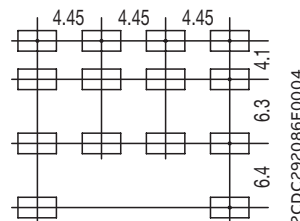
Standards / Directives

Standards	IEC/EN 61984
Low Voltage Directive	2014/35/EU
RoHS Directive	2011/65/EU

Pinning



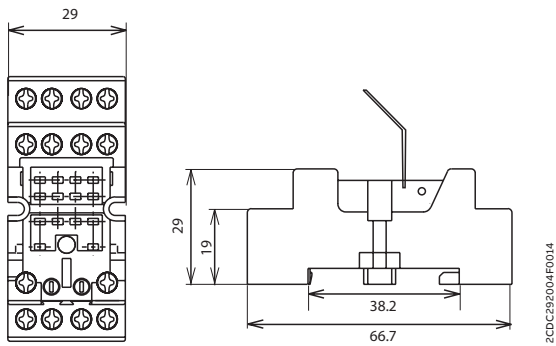
CR-M2SFB



CR-M4SFB

Dimensions

in mm



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CR-MxSFB

Further documentation

Document title	Document type	Document number
CR-MX Interface relays	Data sheet	2CDC117020D0201

You can find the documentation on the internet at www.abb.com/lowvoltage

-> Automation, control and protection -> Electronic relays and controls

-> Interface relays and optocouplers.

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