

# Current monitoring relays CM-SRS.2

## For single-phase AC/DC currents

The CM-SRS.2 is an electronic current monitoring relay that monitors single-phase mains (DC or AC) for over- and undercurrent from 3 mA to 15 A. All devices are available with two different terminal versions. You can choose between the proven screw connection technology (double-chamber cage connecting terminals) and the completely tool-free Easy Connect Technology (push-in terminals).



### Characteristics

- Monitoring of DC and AC currents (3 mA to 15 A)
- TRMS measuring principle
- One device includes 3 measuring ranges
- Over- or undercurrent monitoring configurable
- Hysteresis adjustable (3-30 %)
- Tripping delay  $T_V$  adjustable (0 s; 0.1-30 s)
- 3 control supply voltage versions
- Precise adjustment by front-face operating controls
- Screw connection technology or Easy Connect Technology available
- Housing material for highest fire protection classification UL 94 V-0
- Tool-free mounting on DIN rail as well as demounting
- 2 c/o (SPDT) contacts
- 22.5 mm (0.89 in) width
- 3 LEDs for status indication

### Approvals / Marks



### Classifications:

EN 50155, IEC 60571, NF F 16-101/102, EN 45545-2

#### EN 50155, IEC 60571

Temp. class	Voltage supply				Vibration and shock acc to IEC/EN 61373	Coated pcb.
	S1	S2	C1	C2		
T3	■	■	■	-	Cat 1, Class B	no

#### NF F 16-101/102

Flammability index	Opticity and toxicity of smoke index	EN 45545-2
		Risk level achieved
I2	F2	HL3

## Order data

### Current monitoring relays

Type	Rated control supply voltage	Connection technology	Measuring ranges	Order code
CM-SRS.21P	24-240 V AC/DC	Push-in terminals	3-30 mA, 10-100 mA, 0.1-1 A	1SVR740840R0400
	110-130 V AC			1SVR740841R0400
	220-240 V AC			1SVR740841R1400
CM-SRS.21S	24-240 V AC/DC	Screw type terminals	3-30 mA, 10-100 mA, 0.1-1 A	1SVR730840R0400
	110-130 V AC			1SVR730841R0400
	220-240 V AC			1SVR730841R1400
CM-SRS.22S	24-240 V AC/DC	Screw type terminals	0.3-1.5 A, 1-5 A, 3-15 A	1SVR730840R0500
	110-130 V AC			1SVR730841R0500
	220-240 V AC			1SVR730841R1500

### Accessories

Type	Description	Order code
ADP.01	Adapter for screw mounting	1SVR430029R0100
MAR.12	Marker label for devices with DIP switches	1SVR730006R0000
COV.11	Sealable transparent cover	1SVR730005R0100