

# Accessories

## Electrical accessories



Cabled service release  
SOR-C and UVR-C

### Service releases

The cabled shunt opening release SOR-C allows circuit-breaker opening by means of a non-permanent electrical control. Operation of the release is guaranteed for a voltage between 70% and 110% of the power supply rated voltage value  $U_n$ , in both alternating and direct current. It is fitted with an integrated limit contact for cutting off the power supply. The SOR-C mechanical life is 10% of the corresponding circuit-breaker.

The cabled undervoltage release UVR-C ensures circuit-breaker opening for lack/lowering of the release power supply voltage. Opening is guaranteed when the voltage is between 70% and 35% of  $U_n$  as specified in the Standard. After tripping, the circuit-breaker can be closed again starting from a voltage higher than 85% of  $U_n$ . With the undervoltage release de-energised, it is impossible to close the circuit-breaker and/or the main contacts. The UVR-C mechanical life is 10% of the corresponding circuit-breaker.

The service releases SOR-C and UVR-C for A1, A2 and A3, which can be mounted as an alternative between each other, are only available in the cabled version (20 AWG cable section/0.5mm<sup>2</sup>), with free cables 1 m long. For A1 and A2, snap-on assembly is carried out in the special slot of the circuit-breaker without using any screws. In the following circuit-breakers:

- two-pole (A1, A2), the SOR-C or UVR-C can be mounted as an alternative in the right-hand slot;
- three-pole (A1 A2 A3), the SOR-C or UVR-C can be mounted as an alternative in the left-hand slot;
- four-pole (A1,A2,A3), the SOR-C or UVR-C can be housed as an alternative, in the slot of the third pole.

### SOR-C – Electrical characteristics

Versions	Absorbed power on inrush			
	SOR-C A1 - A2		SOR-C A3	
	AC [VA]	DC [W]	AC [VA]	DC [W]
12 VDC		50		150
24...30 VAC/DC	50...65	50...65	130...180	130...180
48...60 VAC/DC	60	60	130...180	130...180
110...127 VAC - 110...125 VDC	50	50	120...150	120...150
220...240 VAC - 220...250 VDC	50...60	50...60	100...150	100...150
380...440 VAC	55		130...180	
480...525 VAC*	55		150	

\* A3 up to 500 VAC

### UVR-C – Electrical characteristics

Versions	Absorbed power during normal operation			
	UVR-C A1 - A2		UVR-C A3	
	AC [VA]	DC [W]	AC [VA]	DC [W]
24...30 VAC/DC	1.5	1.5	3	3
48 VAC/DC	1	1	3	3
60 VAC/DC	1	1	3	3
110...127 VAC - 110...125 VDC	2	2	3	3
220...240 VAC - 220...250 VDC	2.5	2.5	3	3
380...440 VAC	3		3	
480...525 VAC*	4		3	

\* A3 up to 500 VAC

Ordering codes service releases

Shunt opening release – SOR-C

1SDA...R1		
Cabled version	A1-A2	A3
SOR-C 12 VDC	066133	054869
SOR-C 24...30 VAC/DC	066134	054870
SOR-C 48...60 VAC/DC	066135	054871
SOR-C 110...127 VAC - 110...125 VDC	066136	054872
SOR-C 220...240 VAC - 220...250 VDC	066137	054873
SOR-C 380...440 VAC	066138	054874
SOR-C 480...525 VAC*	066141	054875

\* A3 up to 500 VAC

Undervoltage release – UVR-C

1SDA...R1		
Cabled version	A1-A2	A3
UVR-C 24...30 VAC/DC	066143	054887
UVR-C 48 VAC/DC	066144	054888
UVR-C 60 VAC/DC	067114	054889
UVR-C 110...127 VAC - 110...125 VDC	066145	054890
UVR-C 220...240 VAC - 220...250 VDC	066146	054891
UVR-C 380...440 VAC	066147	054892
UVR-C 480...525 VAC*	066148	054893

\* A3 up to 500 VAC

