# **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 Un, 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 Un as specified in the Standard. After tripping, the circuit-breaker can be closed again starting from a voltage higher than 85% of Un. 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/0.5mm²), 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 lefthand 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.

Versions	Absorbed power on inrush			
	SOR-C A1 - A2		SOR-C A3	
	AC [VA]	DC [W]	AC [VA]	DC [W]
12 VDC		50		150
2430 VAC/DC	5065	5065	130180	130180
4860 VAC/DC	60	60	130180	130180
110127 VAC - 110125 VDC	50	50	120150	120150
220240 VAC - 220250 VDC	5060	5060	100150	100150
380440 VAC	55		130180	
480525 VAC*	55	•	150	•

<sup>\*</sup> A3 up to 500 VAC

Versions	Absorbed power during normal operation				
	UVR-C A1 - A2		UVR-C A3		
	AC [VA]	DC [W]	AC [VA]	DC [W]	
2430 VAC/DC	1.5	1.5	3	3	
48 VAC/DC	1	1	3	3	
60 VAC/DC	1	1	3	3	
110127 VAC - 110125 VDC	2	2	3	3	
220240 VAC - 220250 VDC	2.5	2.5	3	3	
380440 VAC	3		3		
480525 VAC*	4		3		

<sup>\*</sup> A3 up to 500 VAC

### Ordering codes service releases

### Shunt opening release - SOR-C

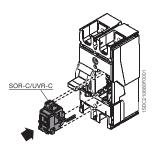
Cabled version	1SDAR1		
	A1-A2	A3	
SOR-C 12 VDC	066133	054869	
SOR-C 2430 VAC/DC	066134	054870	
SOR-C 4860 VAC/DC	066135	054871	
SOR-C 110127 VAC - 110125 VDC	066136	054872	
SOR-C 220240 VAC - 220250 VDC	066137	054873	
SOR-C 380440 VAC	066138	054874	
SOR-C 480525 VAC*	066141	054875	

<sup>\*</sup> A3 up to 500 VAC

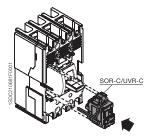
## Undervoltage release – UVR-C

	1SDAR1		
Cabled version	A1-A2	A3	
UVR-C 2430 VAC/DC	066143	054887	
UVR-C 48 VAC/DC	066144	054888	
UVR-C 60 VAC/DC	067114	054889	
UVR-C 110127 VAC - 110125 VDC	066145	054890	
UVR-C 220240 VAC - 220250 VDC	066146	054891	
UVR-C 380440 VAC	066147	054892	
UVR-C 480525 VAC*	066148	054893	

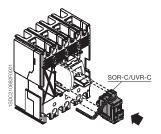
<sup>\*</sup> A3 up to 500 VAC



Two-pole circuit-breaker



Three-pole circuit-breaker



Four-pole circuit-breaker