

C10-A18X/AC230V

1 pole | changeover contact | Faston



Main circuit		
Available contact materials	AgNi + 5 µ Au	
Recommended minimum contact load	5 mA / 5 V	
Maximum contact load AC	10 A / 250 V AC-1	
Maximum contact load DC	10 A / 30 V DC-1	
Inrush current	30 A, 20 ms (120 A for C10-A15)	
Rated load AC	2 500 VA	
Rated load DC	fig. 3.	
Rated current	10 A	
Mechanical endurance (cycles)	≥ 10 000 000	
Electrical endurance at rated load AC-1 (cycles)	≥ 200 000	

Control circuit		
Nominal voltage	230	

Coil table			
V AC	Ohm	mA	
230	28 874	4.7	

Insulation		
Test voltage open contact	1 kV / 1 min	
Test voltage contact / coil	5 kV / 1 min	
Overvoltage category	III	
Insulation resistance at 500 V	≥ 1 GΩ	
Pollution degree	3	

General data		
Storage temperature (no ice)	-40 ... 80 °C	
Operation temperature	-40 ... 70 °C	
Pick-up time / bounce time	10 ms / ≤ 1 ms	
Release time / bounce time	5 ms / ≤ 3 ms	
Maximum switching frequency at rated load	1 200 / h	
Weight	21 g	
Housing material	PA / PC	

Product references		
Description	Type	230
LED	C10-A1xX/AC...V	✓

Accessories		
Socket	S10, S10-PI, S10-P	

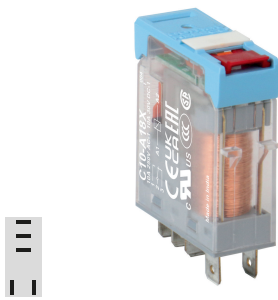


fig. 1. Wiring diagram

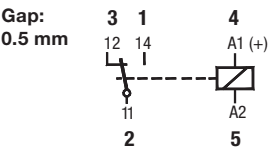


fig. 2. AC voltage endurance

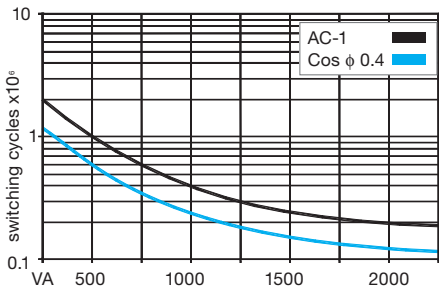


fig. 3. DC load limit curve

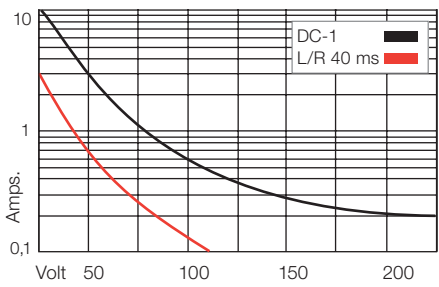
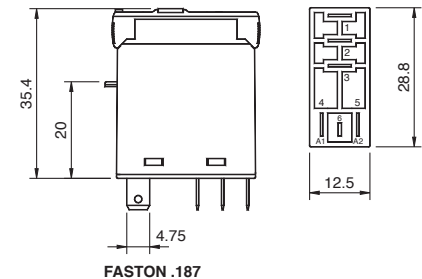


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947; IEC/EN 61810

