

CSS-P13X/DC5-48V

1 pole | normally open solid state DC | Faston

Main circuit	
Output type	 MOSFET
Type	Instantaneous
Logic	P-Channel
Output voltage range	5 ... 48 V DC
Recommended minimum contact load	1 mA
Residual current	0.012 mA
Maximum voltage drop	≤ 0.14 V DC
Rated current	6 A
Inrush current	40 A, 10 ms
Rated load DC	360 W
Current derating curve versus operation temperature: fig. 2.	

Control circuit	
Nominal voltage	see table product references
Operating voltage range	5 ... 48 V DC
Input voltage range	4.75 ... 60 V DC
Input current	4 mA
Pick-up voltage	5 V DC
Release voltage	< 4.75 V
Power consumption DC	300 mW

Output current	
Type	Instantaneous
Logic	P-Channel
Maximum output current	6 A
Minimum output current	1 mA
Output voltage range	5 ... 48 V DC
Residual current	0.1 mA
Maximum voltage drop	≤ 0.14 V DC

General data	
Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-40 ... 70 °C
Pick-up time	0.06 ms
Release time	0.06 ms
Ingress Protection	IP 40
Weight	28 g
Housing material	PA / PC

Product references		
Description	Type	5-48
DC	CSS-P13X/DC...V	✓
«...» List control voltage to complete product references		

Optional Accessories	
Socket	S10, S10-P, S10-PI

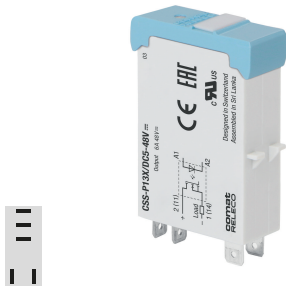


fig. 1. Wiring diagram

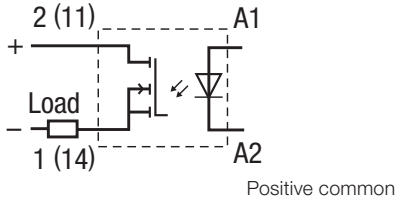


fig. 2. DC derating curve

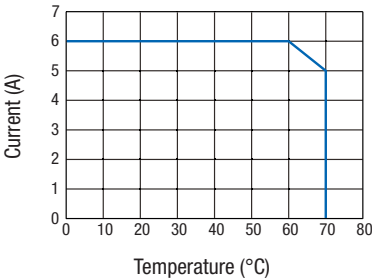
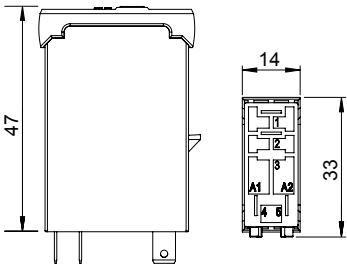


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 60947

Approvals     