

CSS-N

1 pole | normally open solid state DC | plug-in Faston



Output	1 N/O contact
Operating range	6 A, 5 ... 48 VDC
Minimum contact load	1 mA

Control parameters	
Input voltage range	5 ... 48 VDC
Input current	4 mA

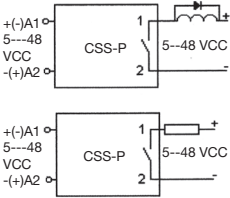
Output	
Type	NPN
Max. output current	6 A
Output voltage range	5 ... 48 VDC
Switch-on current max.	40 A / 10 ms
Max. voltage drop	≤ 0.14 VDC
Residual current	0.1 mA

Specifications	
Ambient temperature operation/storage	-40 ... 70 °C/-40 ... 85 °C (no ice)
Test voltage between input/output	4 kV rms/1 min.
Turn-on delay	0.06 ms
Release delay	0.06 ms
Weight	28 g

Applications

For switching heating elements, electro valves, motors, PLC input/output signals, solenoids, incandescent and fluorescent lamps, etc. (up to 48 VDC).

Inductive loads must be shunted with an antiparallel diode.



Product References

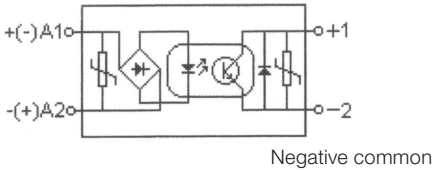
VDC 5–48 **CSS-N13X/DC5–48V**

Accessories

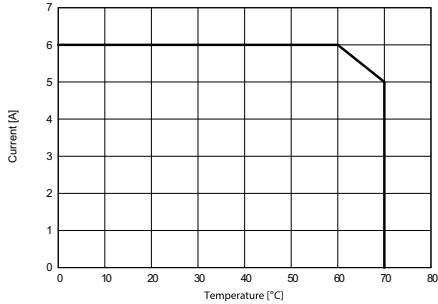
Socket: **S10, S10-P**



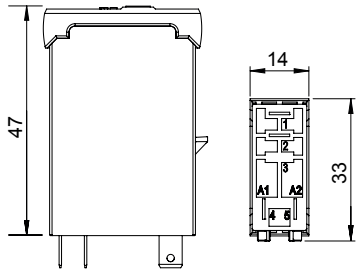
Fig. 1 CSS-N diagram



Tab. 2 AC derating curve



Dimensions



Technical approvals, conformities



IEC/EN 60947