

CSS-N

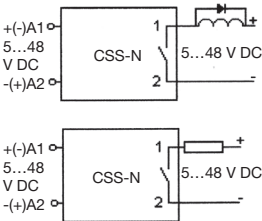
1 pole | normally open solid state DC | Faston

Output	1 NO
Operating range	6 A, 5 ... 48 V DC
Minimum contact load	1 mA
Contact	
Type	1 NO (Solid state DC)
Material	MOSFET
Rated Load	6 A DC
Control circuit	
Input voltage range	5 ... 48 V DC
Input current	4 mA
Output circuit	
Type	NPN
Max. output current	6 A
Output voltage range	5 ... 48 V DC
Max. inrush current	40 A / 10 ms
Max. voltage drop	≤ 0.14 V DC
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 V DC).

Inductive loads must be shunted with an antiparallel diode.



Product References

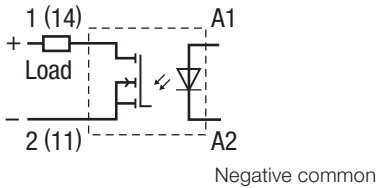
V DC 5–48 CSS-N13X/DC5–48V

Accessories

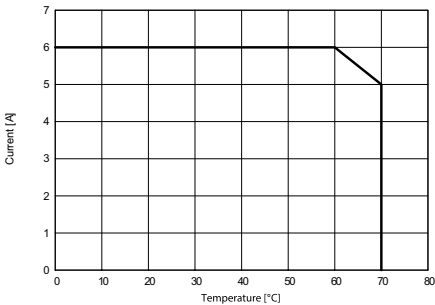
Socket S10, S10-P



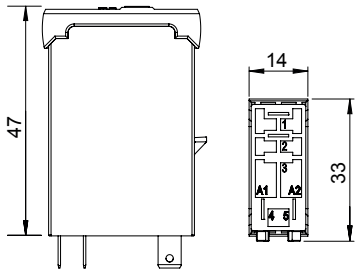
fig. 1 CSS-N diagram



Tab. 2 AC derating curve



Dimensions (mm)



Technical approvals, conformities



IEC/EN 60947

CSS-P**1 pole | normally open solid state DC | Faston**

Output	1 NO
Operating range	6 A, 5 ... 48 V DC
Minimum contact load	1 mA

Contact

Type	1 NO (Solid state DC)
Material	 MOSFET
Rated Load	6 A DC

Control circuit

Input voltage range	5 ... 48 V DC
Input current	4 mA

Output circuit

Type	PNP
Max. output current	6 A
Output voltage range	5 ... 48 V DC
Max. switch-on current	40 A / 10 ms
Max. voltage drop	0.14 V DC
Residual current	0.1 mA

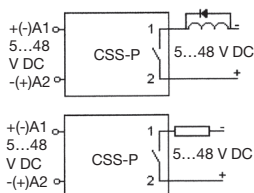
Specifications

Ambient temperature operation/storage	-40 ... 70 °C / -40 ... 85 °C (no ice)
Turn-on delay	0.06 ms
Release delay	0.06 ms
Weight	28 g

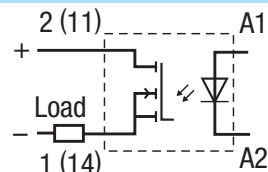
Applications

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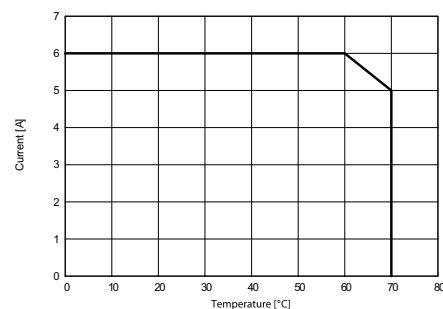
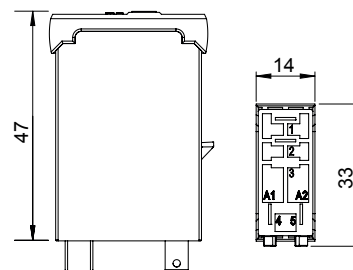
Inductive loads must be shunted with an antiparallel diode.

**Product References****V DC 5–48****CSS-P13X/DC5–48V****Accessories**

Socket

S10, S10-P**fig. 1 CSS-P diagram**

Positive common

Tab. 2 AC derating curve**Dimensions (mm)****Technical approvals, conformities**

IEC/EN 60947