CSS-AZ

4-pin, Interface solid state relay, 1-pole, plug-in faston

Type	CSS-AZ
	Solid state relay
	For switching resistive lamps and AC loads Synchronized to zero crossing

Output	1 N/O contact
Operating range	3 A, 24 ... 250 VAC, 50/60 Hz
Minimum contact load	50 mA

Control parameters

Input voltage range	5 ... 32 VDC
Release voltage	< 2,5 VDC
Input current	5 ... 15 mA
Stabilised current regulator	yes
Input voltage protection	IEC-1000-4-5 Level 1

Output

	Synchronized zero
Max. output current	3 A
Min. output current	50 mA
Output voltage range	24 ... 250 VAC
Inrush current	30 A/10 ms
Max. release voltage	< 1,5 VAC
Residual current	≤ 0,55 mA
di / dt	≤ 50 A / µs
I^2t value	50 A^{2}s

Specifications

Ambient temperature operation/storage	-25....60 ºC /-40 ... 80 °C
Test voltage between input/output	4 kV rms/1min
Pick-up time	max. 1/2 cycle
Release time	2 ms + 1/2 cycle
Weight	28 g

Applications

Switches ohmic AC loads up to 3 A/250 VAC in the zero-point of the tension and avoids any overcurrent peak in the connection.
Suitable for switching resistors, incandescent lamps, signalling equipment, etc. Not suitable for inductive loads
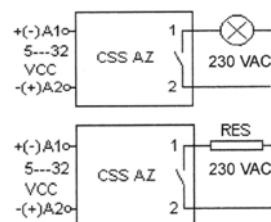

Accessories
Socket: **S10, S10-M, S10-P**

Fig. 1 CSS-AZ diagram
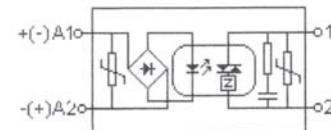
Tab. 2 AC derating curve

Dimensions [mm]

FASTON. 187
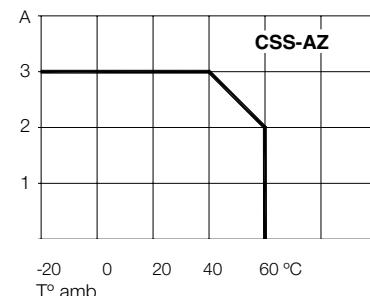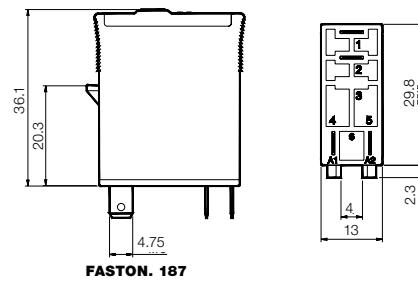
Technical approvals, conformities