

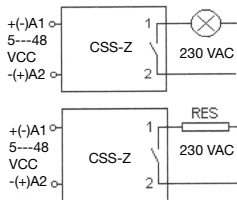
CSS-Z

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

Type	CSS-Z Solid state relay For switching resistive lamps and AC loads Synchronized to zero crossing
Output Operating range Minimum contact load	1 N/O contact 3 A, 24 ... 250 VAC, 50/60 Hz 35 mA
Control parameters	
Input voltage range	5 ... 48 VDC
Input current	10 mA
Output	Synchronized zero
Max. output current	3 A
Min. output current	35 mA
Output voltage range	24 ... 250 VAC
Inrush current	150 A/10 ms
Residual current	1 mA
I ² t value	210 A ² s
Specifications	
Ambient temperature operation/storage	-40...70 °C / -40 ... 85 °C
Pick-up time	10 ms
Release time	10 ms
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



Standard types

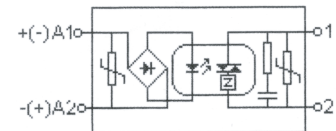
VDC 5-48 **CSS-Z12X/DC5-48V**

Accessories

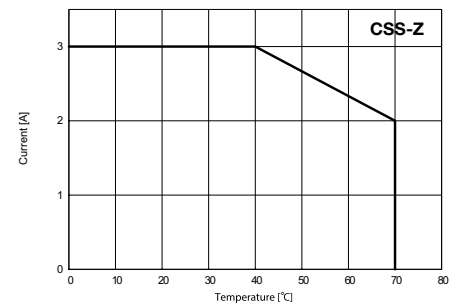
Socket: **S10, S10-M, S10-P**



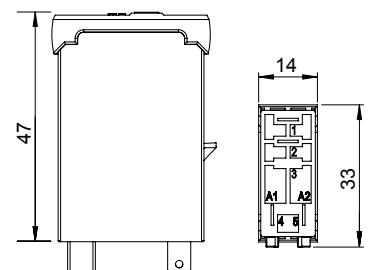
Fig. 1 CSS-Z diagram



Tab. 2 AC derating curve



Dimensions [mm]



Technical approvals, conformities

