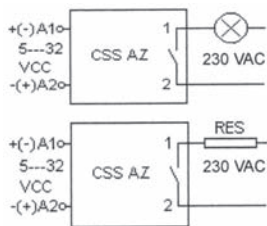


IRC series
CSS-AZ
4-pin, Interface solid state relay, 1-pole, plug-in faston

Type	CSS-AZ Solid state relay For switching ohmic and capacitive AC loads Synchronized to zero
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	
Max. output current	3 A
Min. output current	50 mA
Output voltage range	24 ... 250 VDC
Max. output voltage	24 VDC
Max. release voltage	< 1,5 VAC
Reststrom	≤ 0,55 mA
du/dt//di/dt	≤ 50 A μs
I ² t value	50 A ² s
Specifications	
Ambient temperature operation/storage	-40 (no ice)...60 °C /-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-K, S10-P**

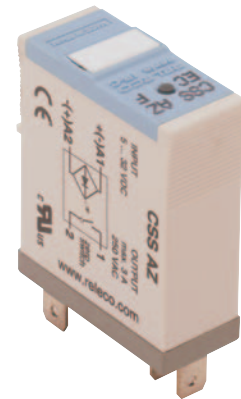
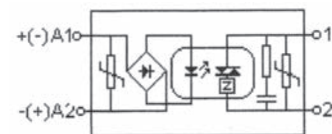
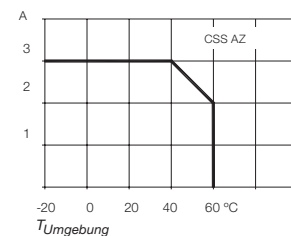


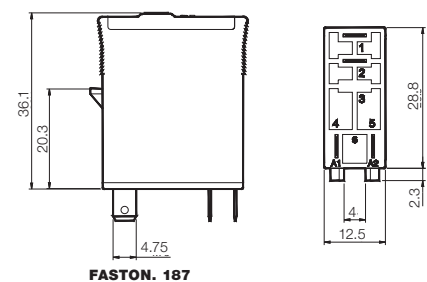
Fig. 1 CSS-AZ diagram



Tab. 2 AC load limit curve



Dimensions [mm]



Technical approvals, conformities





Kühn Controls AG

Notes:

You want more information about this product, please call us: tel: +49 (0)7082-940000 or send us a fax: +49 (0)7082-940001, or email: sales@kuehn-controls.de or visit our Website: www.kuehn-controls.de