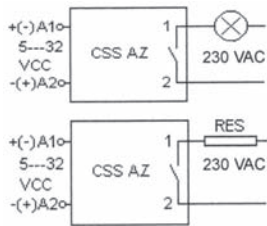


IRC series
CSS-AZ
4-pin, Interface solid state relay, 1-pole, plug-in faston

Type	CSS-AZ Solid state relay For switching ohmic and capacitive AC loads Synchronized to zero
Output Operating range Minimum contact load	1 N/O contact 3 A, 24 ... 250 VAC, 50/60 Hz 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**

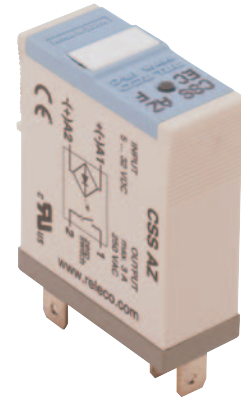
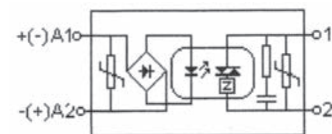
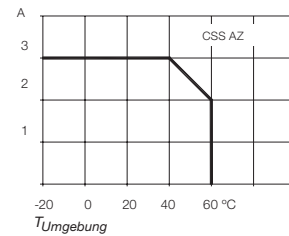


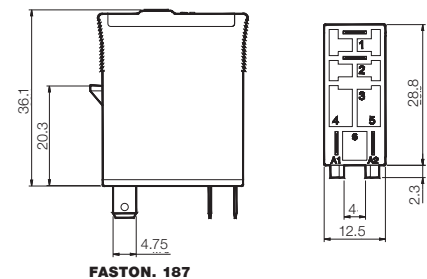
Fig. 1 CSS-AZ diagram



Tab. 2 AC load limit curve



Dimensions [mm]



Technical approvals, conformities

