

Datasheet

**Stock No:**


**144-1584,144-1585,144-1586,144-1587,144-1588,144-1589**

## RS PRO DIN Rail Mount Interface Relay

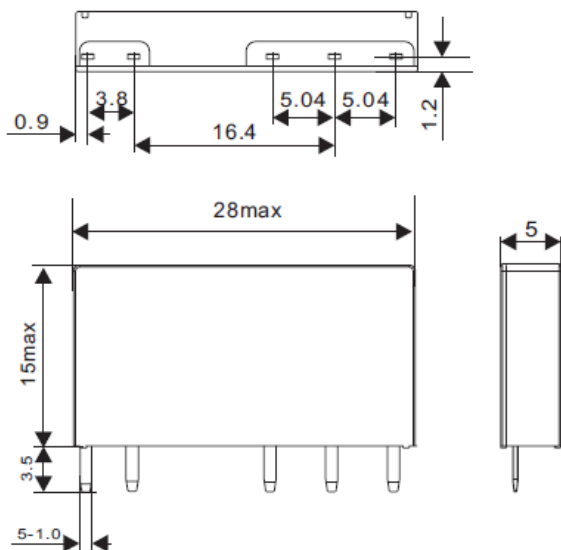


### Specifications:

- Small size, up to 6A breaking capacity.
- Conformity with RoHs directive.
- Wide choice of sockets available covering a range of voltages from 3 to 230V.

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<b>Characteristics</b>	<b>Spring Cage terminals</b>					
Nominal Voltage	12VDC	24VDC	48VDC	60VDC	110VDC	230VDC
Contact	Configuration	Single Pole Change Over				
	Switching Capacity (resistive)	4000VA, 480W				
	Initial Contact Resistance	≥100mΩ (gold plated contact ≥30mΩ)				
	Material	Ag alloy				
	Electrical Durability	NO: 6x10 <sup>4</sup> ; NC: 30000 times (1800 Ops/h)				
	Mechanical Durability	≥ 2 x 10 <sup>7</sup> times (18000 Ops/h)				
Pick-up Voltage (23°C)	: ≤75% rated voltage					
Drop-out Voltage (23°C)	≥5% rated voltage					
Maximum Voltage (23°C)	110% rated voltage					
Insulation resistance	≥500mΩ (500VDC)					
Coil Operating Power	3 ~ 24vdc	0.17 W				
	48~60 vdc	0.21 W				
Operating Time (at nominal voltage)	≤8ms					
Release Time (at nominal voltage)	≤4ms					
Initial Breakdown Voltage	Between open contacts	1000VAC/1min				
	Between contacts and coil	4000VAC/1min				
Ambient Temperature	-40 - +85°C					
Humidity	35% -85%RH					
Air Pressure	86~106KPa					
Shock Resisance	10G					
Vibration Resistance	10~55Hz double-amplitude: 1.0mm					
Mounting	PCB					
Unit Weight	6g					
Certification						

Dimensions (mm)



Schemes

