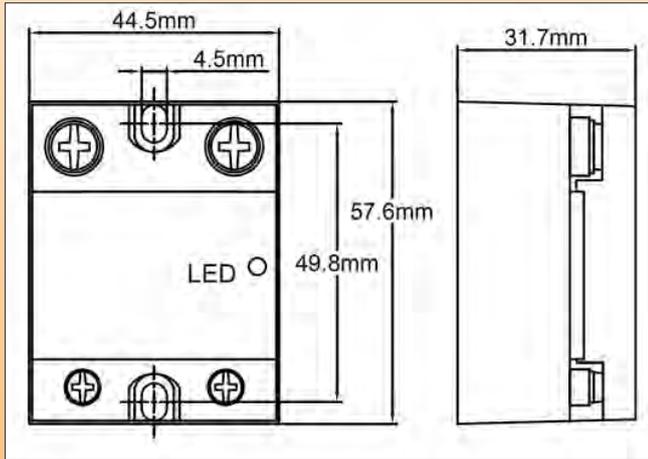


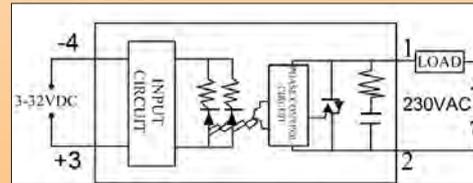
# Single and Three-phase solid state relays

**Solid state relay, 3-32VDC input, cut to zero.**  
**Compatible with the relay (SSR) output of electronic controllers.**

## Single phase



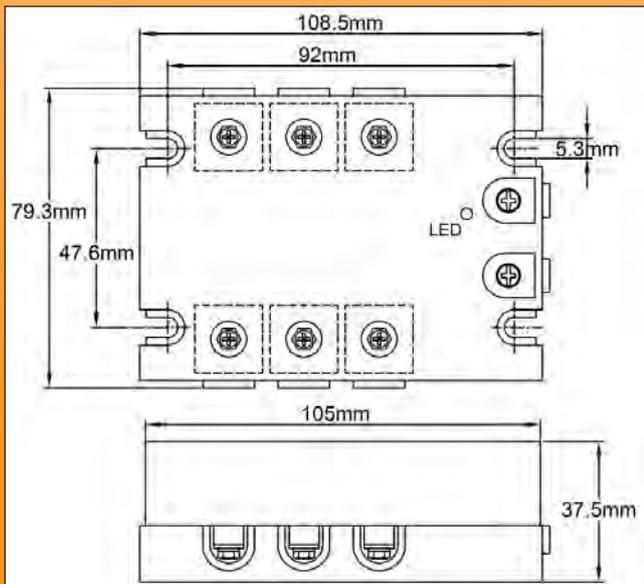
**Dimensions:** 58 x 45.5 x 30.5 mm  
**Mounting:** two holes dia 4.5 holes, 47.5 to 50 mm spacing  
**Operating voltage range:** 28-285 V AC, 47 to 63 Hz  
**Input signal:** 3-32V DC, 3 to 35 mA current  
**Voltage drop in open position (current flowing):** <1.5VAC  
**Closed position leakage current (current not flowing):** <2mA  
**Opening and closing maximum times:** less than 10 ms  
**Dielectric insulation:** 2500VAC  
**Non repetitive over-current (I<sub>tsm</sub>) :**  
 10A modele: 100A  
 20A modele: 200A  
 30A modele: 300 A  
**Insulation resistance:** > 100 Mohms /500VAC  
**Output indication On:** with LED  
**Operating temperature:** -30 +75 ° C  
**Thermal dissipation:** approx. 0.3% of the average power  
**Connections :**



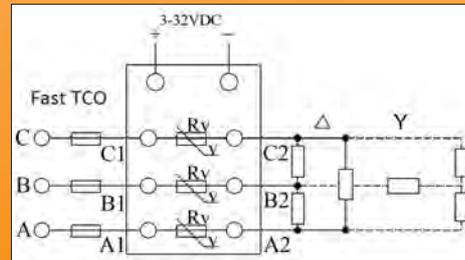
Reference	Current
91GJW10240	10A
91GJW20240	20A
91GJW30240	30A

Electromagnetic contactors and relays: see page 85

## Three phase



**Dimensions:** 108.5 x 76.3 x 37.5 mm  
**Mounting:** 4 holes M4, 48 x 92 mm spacing  
**Operating voltage range:** 24-440 V AC, 47 to 63 Hz  
**Input signal:** 3-32V DC, 12 to 25 mA current  
**Voltage drop in open position (current flowing):** <1.5VAC  
**Closed position leakage current (current not flowing):** <10mA  
**Opening maximum times:** < 10 ms  
**Non repetitive over-current (I<sub>tsm</sub>) :**  
 10A modele: 100A  
 20A modele: 200A  
 30A modele: 300 A  
**Dielectric insulation:** 2500 VAC  
**Insulation resistance:** > 100 Mohms /500VAC  
**Output indication On:** with LED  
**Operating temperature:** -30 +75 ° C  
**Connections :**



Reference	Current
91GJH10440	10A
91GJH20440	20A
91GJH30440	30A

Electromagnetic contactors and relays: see page 85

The solid state relays in this range are cut-to-zero equipped. They are compatible with the electronic controllers SSR outputs. The insulation between the control circuit and the power circuit is carried out by photo-electric coupling. They include an RC protection against power surges.

Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice

