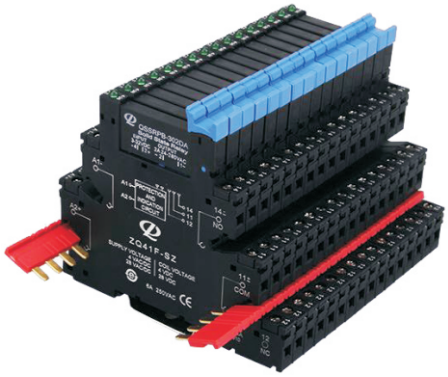
JIANGSU ZHENGQI ELECTRIC CO.,LTD

PCB Solid State Relay

QSSRE

Features

- ★ 5mm Mini SIP SSR
- ★ Ratings 2A and 6A
- ★ DC Control, 5, 12 and 24V
- ★ CE & RoHS Compliant
- ★ Mechanical life Semipermanent
- ★ Small size ,low power



Specification

Q SSRE -3 02 DA 24

ZQ type

Circuit board type solid state relay

Output voltage 3:24-280VAC 6:5-60VDC

Output current 02:2A , 06:6A

DA:DC control AC
DD:DC control DC

Control voltage 12:5-15VDC, 24:12-32VDC

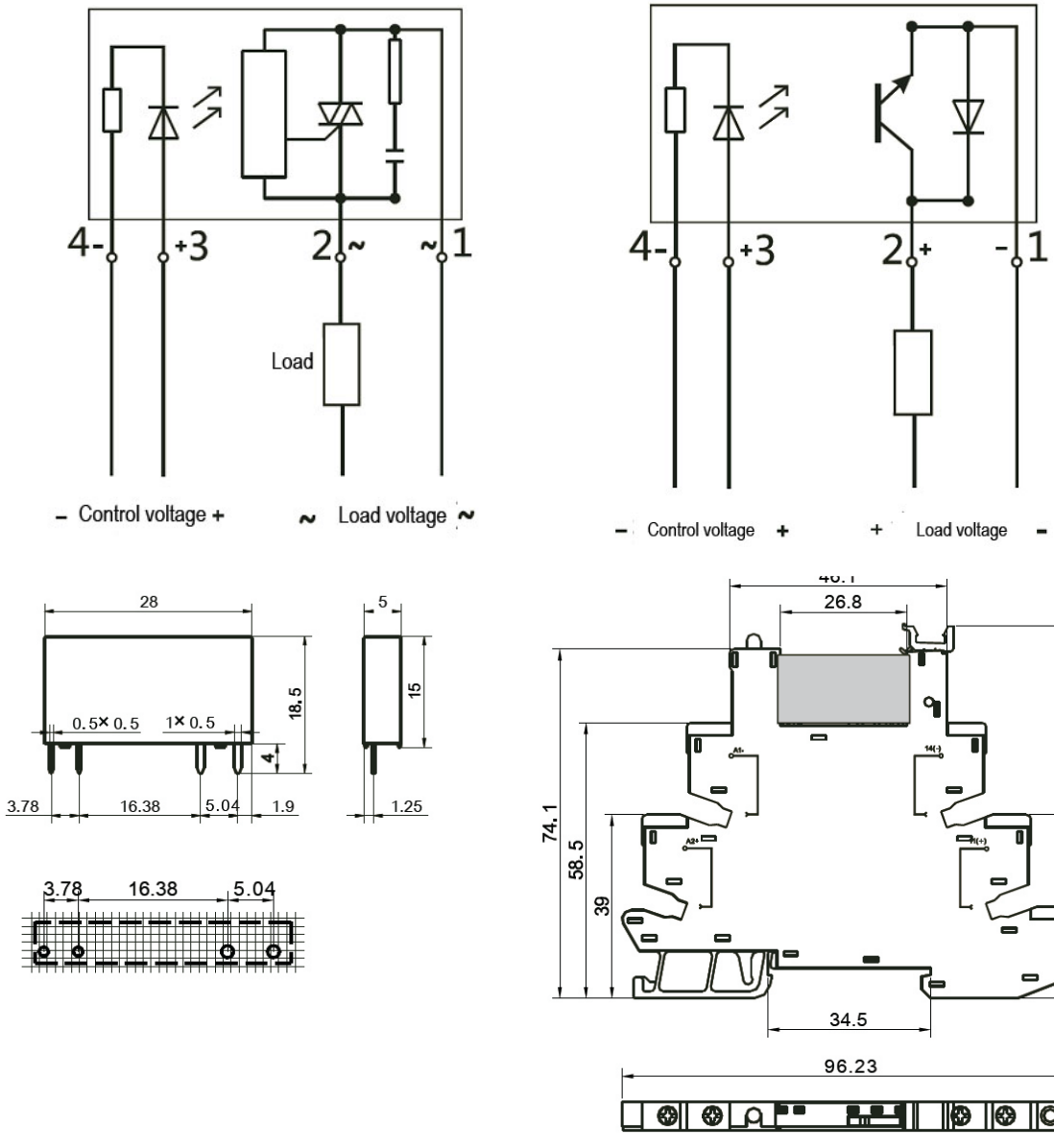
PRODUCT SELECTION

Control Voltage	2A	2A	6A	6A
3-8VDC	QSSRE-302DA05	QSSRE-602DD05	QSSRE-306DA05	QSSRE-606DD05
8-15VDC	QSSRE-302DA12	QSSRE-602DD12	QSSRE-306DA12	QSSRE-606DD12
15-30VDC	QSSRE-302DA24	QSSRE-602DD24	QSSRE-306DA24	QSSRE-606DD24

Technical Parameter

Control Voltage	05:3-8VDC,12:8-15VDC,24:15-30VDC	
Control Currrent	6-15mA	
Make-on Voltage	3VDC,8VDC,15VDC	
Break-off Voltage	1VDC,3VDC,5VDC	
Load Voltage	3:24-280VAC	6:5-60VDC,10:5-80VDC
Load Current	2A,6A	
Instant Voltage	90VAC	6:60VDC,10:80VDC
Voltage Dropin On	＜1.6VAC	＜1.2VDC
On-off Time	≤1mS	≤1mS
Leakage Current in off	≤3mA	≤1mA
Dielectric Strength	≥1500VAC	
Insulation Resistance	100MΩ	
Ambient Temp	-30℃ ~ +80℃	
Outline size	28×5×15mm	
Installation	PCB mounting,socket mounting	

Outline mounting view(mm)



Remark:

1)In case of no tolerance shown in outline dimension :
Outline dimension 1mm ,tolerance should be ±0.2mm
Outline dimension 1mm and 5mm ,tolerance should be ±0.3mm
Outline dimension 5mm ,tolerance should be ±0.4mm

2)The tolerance without indicating for PCB layout is always ±0.1mm