

## Solid State Relay (PCB mountable)

### Features

- ▶ Reverse voltage protection (Input)
- ▶ Optically isolated (Input-Output)
- ▶ TTL/CMOS compatible
- ▶ PCB mountable



### Applications

- ▶ Industrial use

### Specification

Parameter	Unit	TVSC-DZ-T03P	TVSC-DZ-T16V
Switching type		Zero cross	Zero cross
Output		Triac	Triac
<b>INPUT CIRCUIT</b>			
Control voltage range	V	5 - 32 DC	5 - 6 DC
Control Current	mA	12	15
Drop-out voltage	V	1 DC	1 DC
Input resistance	Ohm	Const. Current	270
<b>OUTPUT CIRCUIT</b>			
Load voltage range	V rms	24 - 280 AC	24 - 280 AC
Peak-off-state-voltage	V drn	600	600
Load current range	A rms	3	16
Off-state leakage current	mA max.	10	10
Peak 1cyl surge current	A peak	160	160
Snubber	ohm:nF	47:22	-
<b>GENERAL DATA</b>			
Turn-on time	mS max.	11	11
Turn-off time	mS max.	11	11
Frequency range	Hz	47 - 63	47 - 63
Isolation volt. Between			
- input/output	V <sub>rms</sub>	2500	2500
- input-output/base	V <sub>rms</sub>	1500	1500
Operating temperature	°C	-20 to +70	-20 to +70

### Dimensions

