3,'   8
56   02'%86 $GGUHVVHV

selec ®
Creating Best Value

5HDG &RLO 6WDWXV

$GGUHVV+H[	$GGUHVV	9DULDEOH 1DPH	&RLO VWDWXV		3DUDPW\SH
		7HPS 8QLW	&	)	5
		5HYHUVH 6FDO1J	<(6		5
		5HOD\B ORGH)'	5(		5
		$5	$87R	0$18$/	5
		6HW\SH	$%6	'(9	5
		$ODUPB /DWFK1	2))		5
		$ODUPB +ROG21	2))		5
		$ODUPB HQHUJLVH=((	(1(5*,=(		5
	$	$ODUPB1	2))	21	5
	&	6HQVRU (UU /HYHO	+,*+		5
	'	$ODUPB /DWFK1	2))		5
	(	$ODUPB +ROG21	2))		5
	)	$ODUPB HQHUJLVH=((	(1(5*,=(		5
		$ODUPB1	2))	21	5
		+HDWB&RRO ORGH	<(6		5
		3URILOH 6WDW1XV	<(6		5
		6HQVRU RSHQ FRQGLWLRQ18/			5
		6WDQGE\ PRGH2	<(6		5
		3URJUDP DFFHVV (9HQWW21J/,1(			5
	$	6HW PRGHB]RQH/	=21(		5

2 : Output Specification

50	50	50	50	50	50
800	800	800	800	1200	1200
1.5	1.5	1.5	1.5	1.5	1.5
100	150	100	150	100	150
0.8	0.9	0.8	0.9	0.8	0.9
1	1	1	1	1	1

3 : General Specification

	2500 Vrms	4000 Vrms	2500 Vrms	4000 Vrms	2500 Vrms	4000 Vrms
Ambient Humidity	93% non-condensing					
Heat sink Thermal Resistance:	1°C/W					

4 : Housing Specification

Weight	87.2 g approx
Baseplate	
Material	Glass filled polyester
LED input Status Indicator	Red

5 : Circuit Block Diagram

RSS Series

Input current vs Input Voltage
Standard Regulated DC inputs
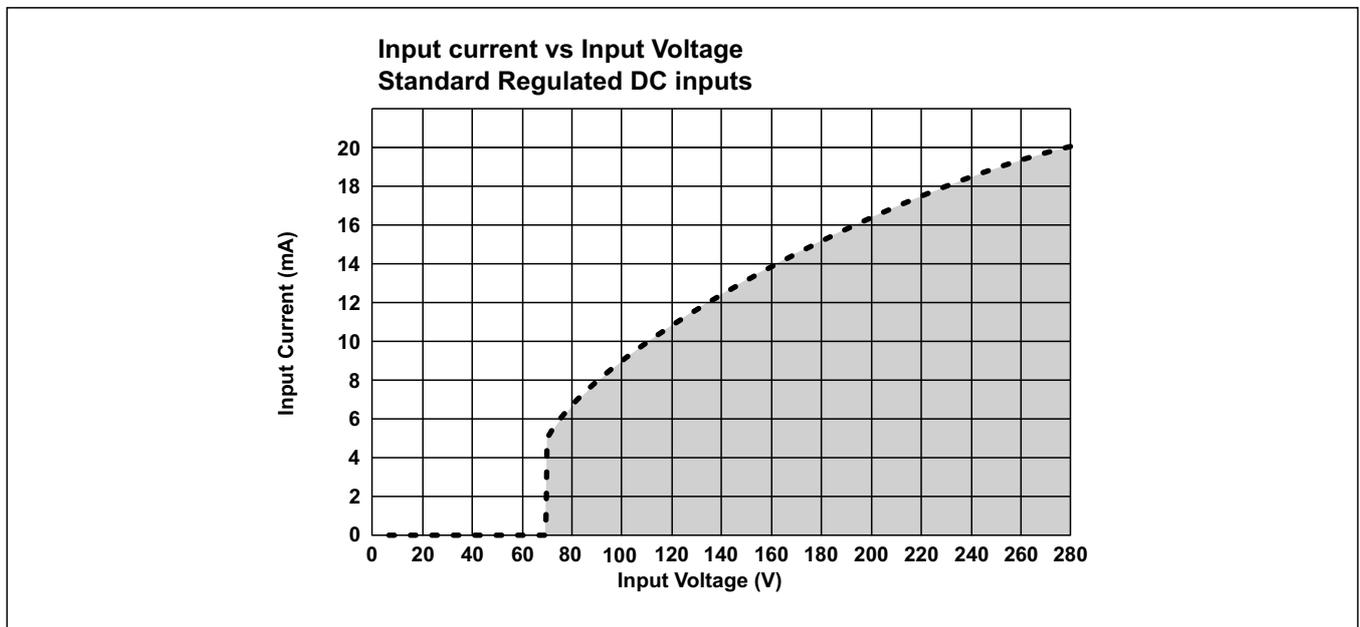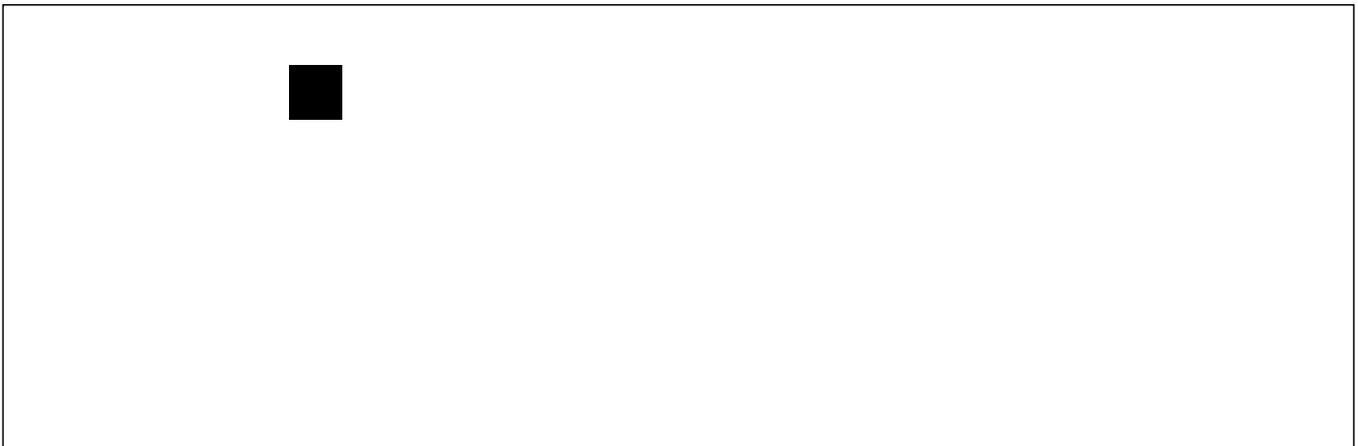
6 : Surge Current Information

TA1A125ZP / TA1A225ZP / TA1A225ZPL

Itsm (Apeak) vs T (s)

— Non Repetitive Surge Current
Repetitive Surge Current

TA1A140ZP / TA1A240ZP / TA1A240ZPL

Itsm (Apeak) vs T (s)

— Non Repetitive Surge Current
Repetitive Surge Current
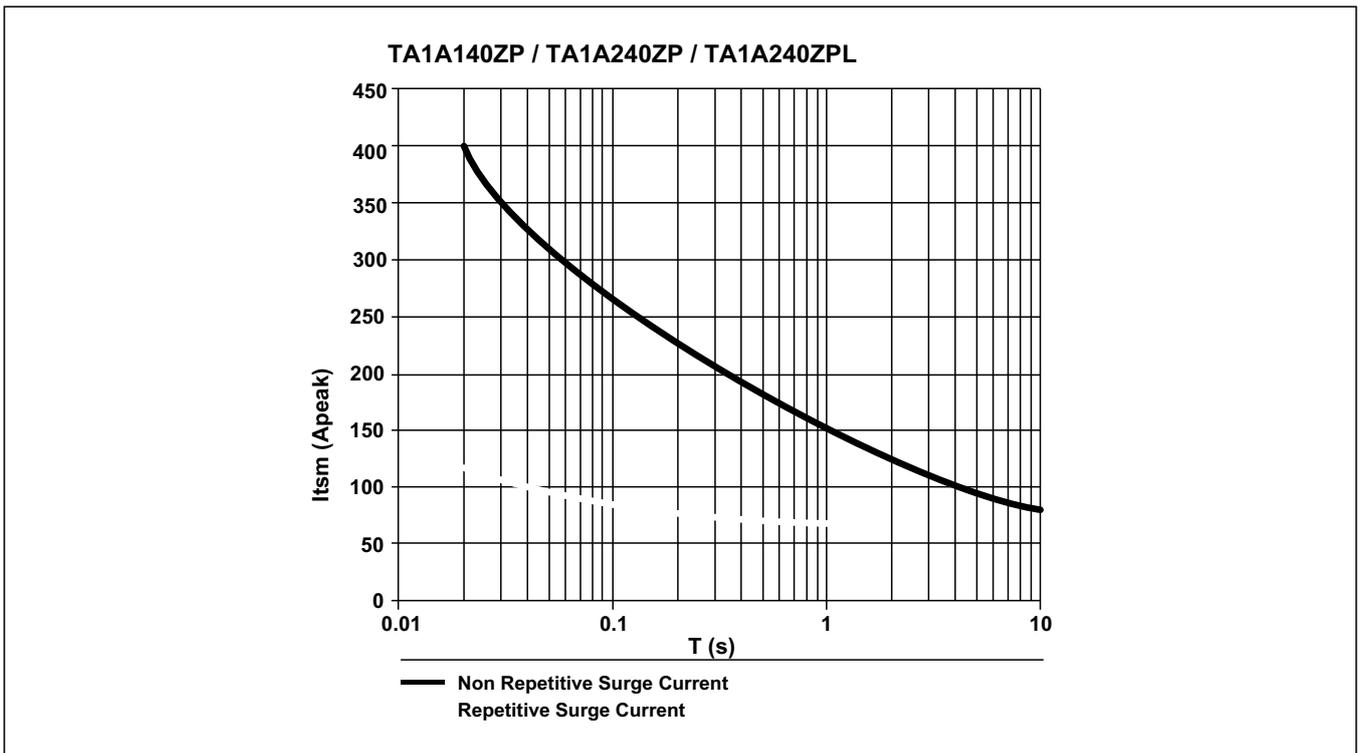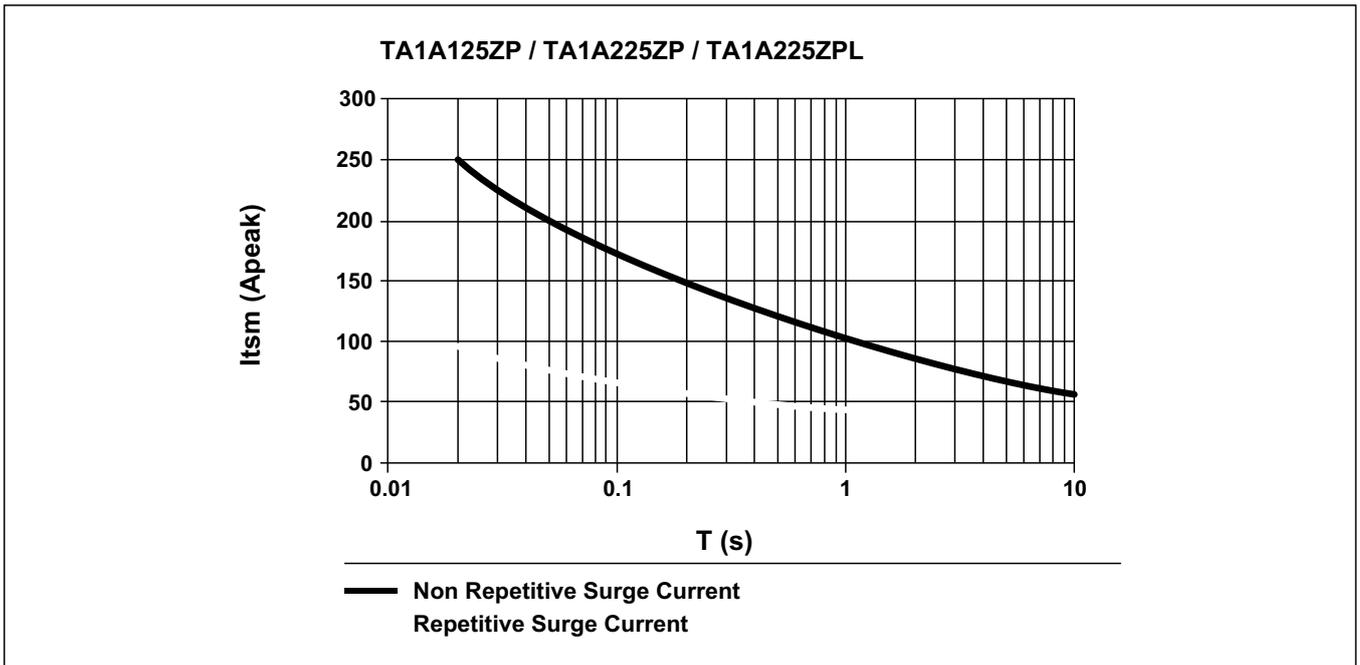
7 : Thermal Derating Curves

RSS-TA1A140ZP
RSS-TA1A240ZP
RSS-TA1A240ZPL

RSS-TA1A125ZP
RSS-TA1A225ZP
RSS-TA1A225ZPL

Ambient temperature [°C]
Note.: Heat sink used with a radiation efficiency of 1°C/W
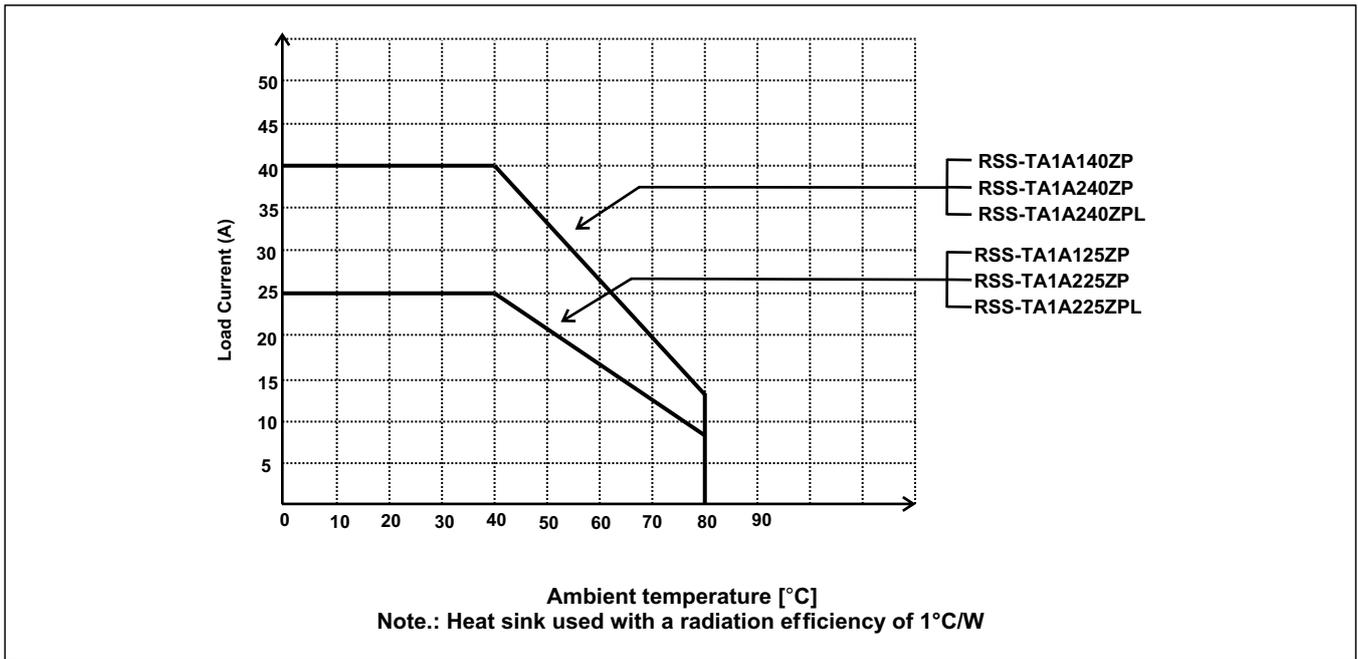
8 : Wiring
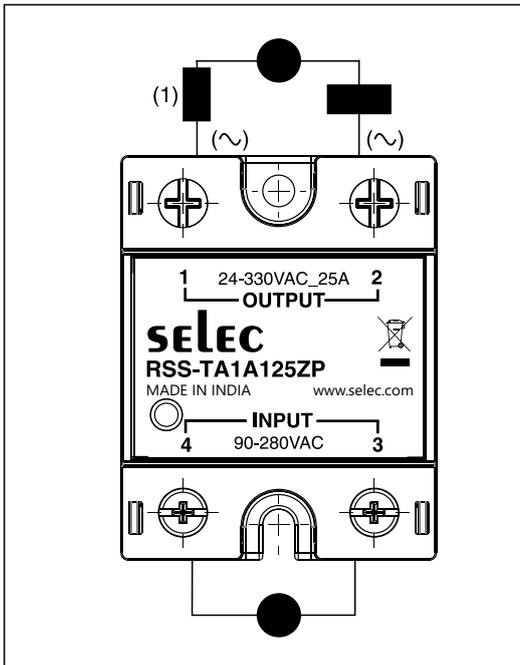
9 : Dimension (mm)
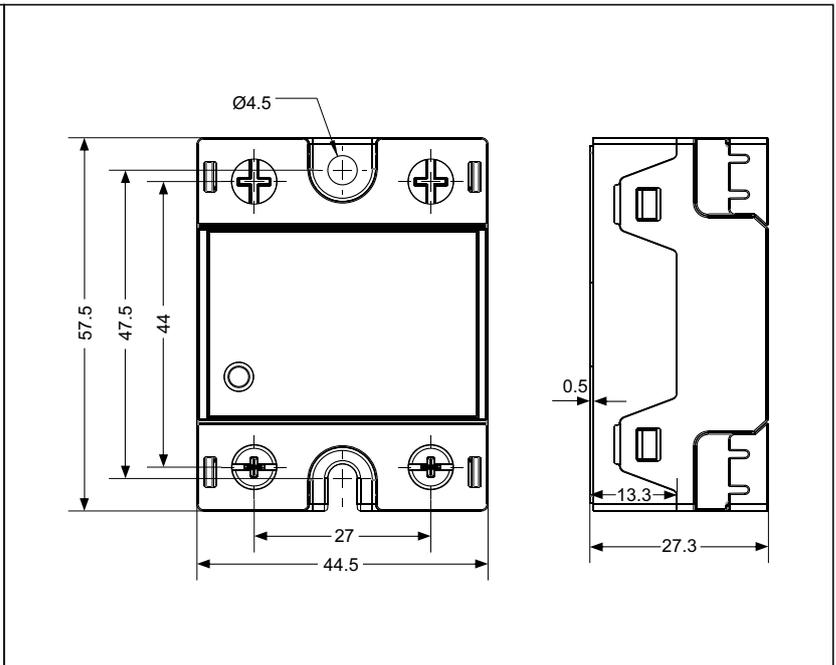
10 : Tightening Torque

M4 Screws (control input)	18..14 AWG (0.75..2.5 mm²) 2 x 18..14 AWG (0.75..2.5 mm²)	1.2 N-m
M5 Screws (load output)	16..8 AWG (1.5..10 mm²) 2 x 16..8 AWG (1.5..10 mm²)	2.0 N-m