



GOLD CONTROL

SAP Flip type Series Solid Relay

SAP-K Series Proportional controller -
Ratings from 5A to 100A @ 530 VAC

- Output is made up by AC switch of SCR
- Input Control Voltage: 3-32VDC
- Apply to transformer and other sensitive load, because sensitive load has big inrush current



■ Species

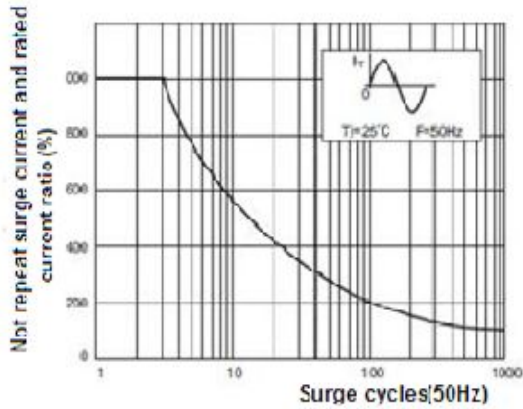
Insulation way	Distance between the input terminal	LED instructions	Output Load current	Rated Output voltage	Model
Photoelectric three-terminal two-way thyristor switch	25mm	LED	5A-100A	40-480VAC	SAP40 Series
	25mm	LED	5A-100A	40-530VAC	SAP48 Series

■ Performance and related technical parameters

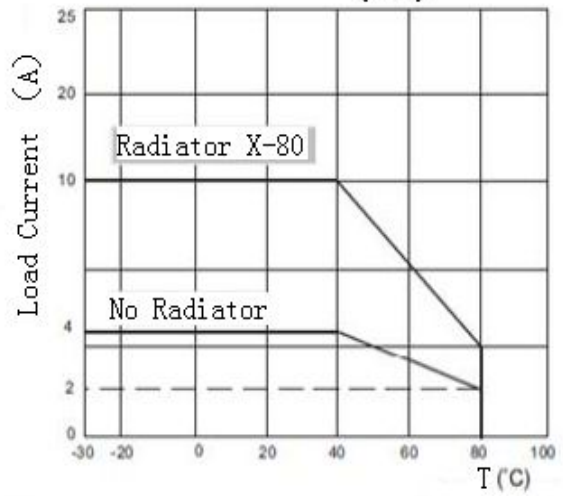
Product model	SAP4815D-K	SAP4820D-K	SAP4825D-K	SAP4840D-K	SAP4850D-K	SAP4860D-K	SAP4880D-K	SAP48100D-K
Main technical parameters								
Load voltage	40-480VAC							
Max Load current	5A	10A	15A	20A	25A	30A	40A	50A 60A 80A 100A
Isolation bet. In & out	$\geq 2000VAC$							
Isolation to case	$\geq 2500VAC$							
Control voltage	3-32VDC							
Control current	6-25mA							
Turn-on voltage	$\leq 1.3VAC$							
off-state leakage	$\leq 0.5mA$							
off-state dv/dt	300v/Us							
on or off time	10mS							
Frequency range	47/63Hz							
Status indicator	LED							
Operating temperature	-40~80°C							

■ Reference data

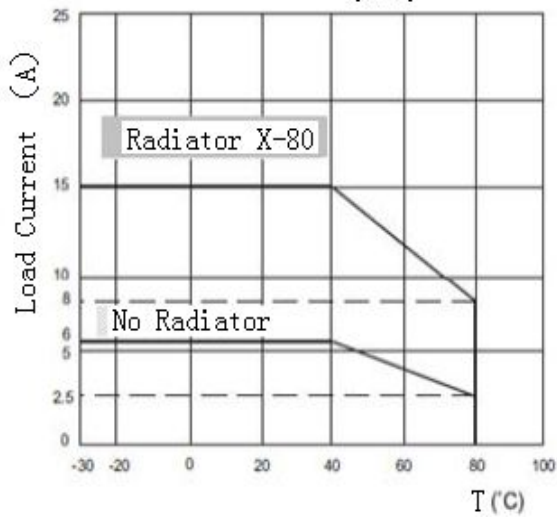
Not to repeat the wave surge current and surge cycle curve



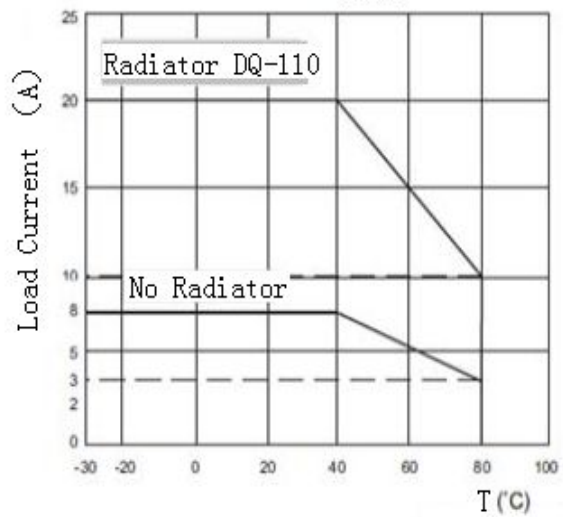
Load current-environment temperature (10A)



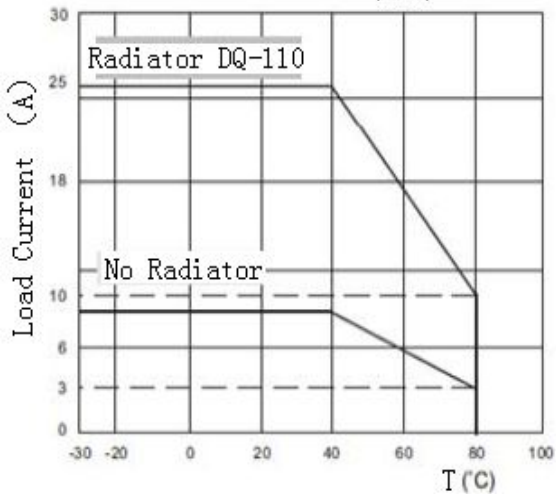
Load current-environment temperature (15A)



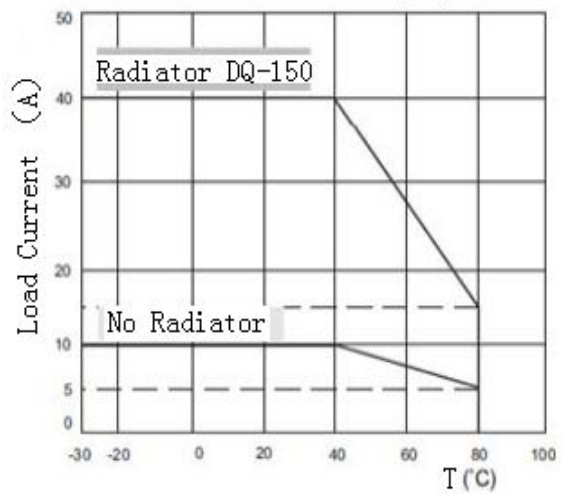
Load current-environment temperature (20A)



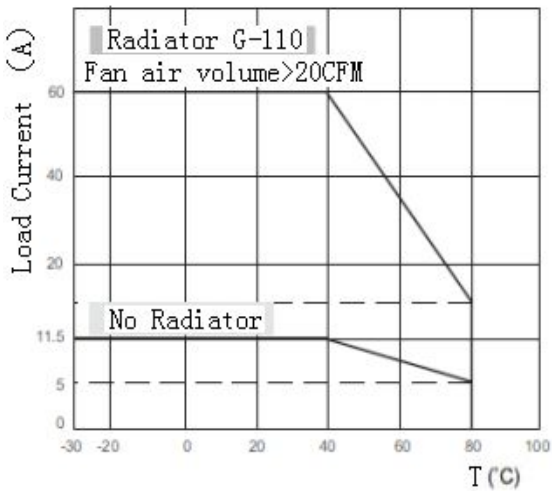
Load current-environment temperature (25A)



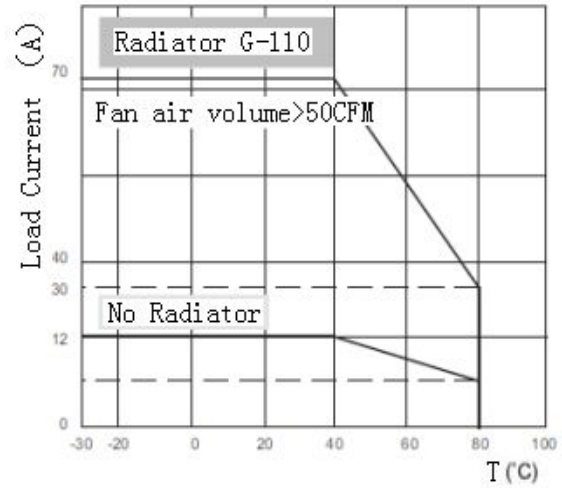
Load current-environment temperature (40A)



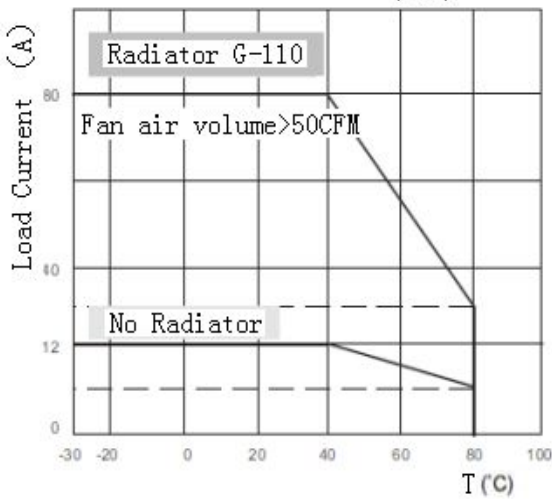
Load current-environment temperature
(60A)



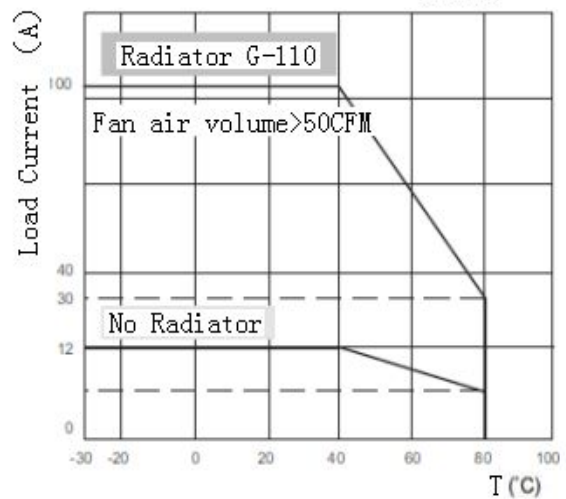
Load current-environment temperature
(70A)



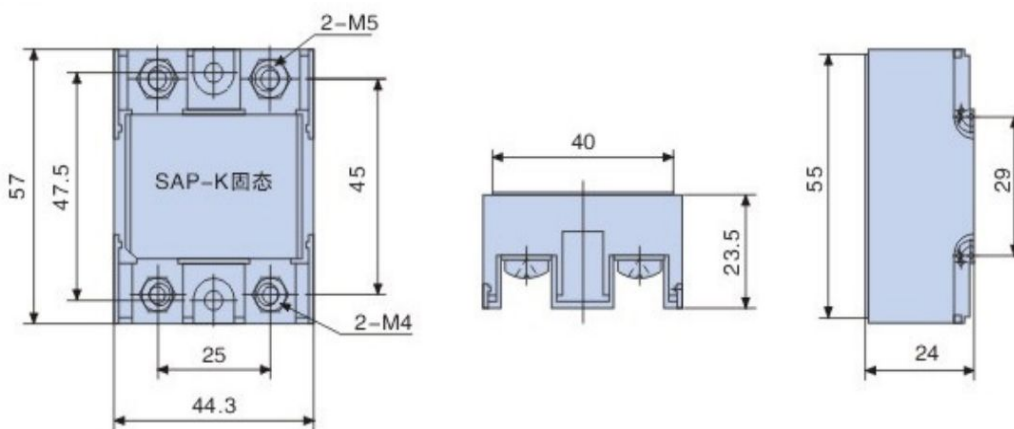
Load current-environment temperature
(80A)



Load current-environment temperature
(100A)



Dimension



Matters needing attention

Depends on the condition of products using, when the temperature of SSR is high, it needs to reduce load current and heat dissipating