

1 Pole Panel Mount Relay, 4-32V DC Control, 330VAC Max. Output ① ②



Specifications	10 Amp		25 Amp		50 Amp		75 Amp	
	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price
	SAS3-10-1D	45	SAS3-25-1D	50	SAS3-50-1D	79	SAS3-75-1D	104
Input								
Voltage Range	4 - 32V DC		4 - 32V DC		4 - 32V DC		4 - 28V DC	
Current Draw	5.4-10mA		5.4-10mA		3.5-8mA		3.5-8mA	
Turn-on Voltage (min.)	4V DC		4V DC		4V DC		4V DC	
Turn-off Voltage (max.)	1V DC		1V DC		1V DC		1V DC	
Output								
Amp Rating (continuous with proper heatsink)	10		25		40		75	
Voltage Range	24 - 330V AC		24 - 330V AC		24 - 330V AC		24 - 330V AC	
Frequency Range	47 - 63 Hz		47 - 63 Hz		47 - 63 Hz		47 - 63 Hz	
Dimension (mm)	57(H) x 44.5(W) x 35(D) With safety cover				57(H) x 44.5(W) x 23(D) Without safety cover			

1 Pole Panel Mount Relay, 100-280V AC Control, 330VAC Max. Output ① ②



Specifications	10 Amp		25 Amp		50 Amp		75 Amp	
	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price
	SAS3-10-1	53	SAS3-25-1	55	SAS3-50-1	88	SAS3-75-1	112
Input								
Voltage Range	100 - 280V AC		100 - 280V AC		100 - 280V AC		100 - 280V AC	
Turn-Off Current/Impedance	2mA/10k		2mA/10k		2mA/10k		2mA/10k	
Turn-on Voltage (min.)	100V AC		100V AC		100V AC		100V AC	
Turn-off Voltage (max.)	20V AC		20V AC		20V AC		20V AC	
Output								
Amp Rating (continuous with proper heatsink)	10		25		40		75	
Voltage Range	24 - 330V AC		24 - 330V AC		24 - 330V AC		24 - 330V AC	
Frequency Range	47 - 63 Hz		47 - 63 Hz		47 - 63 Hz		47 - 63 Hz	
Dimension (mm)	57(H) x 44.5(W) x 23(D) Without safety cover				57(H) x 44.5(W) x 35(D) With safety cover			

① See important application considerations on next page.

② Safety cover and terminal screws/saddle clamps supplied with SAS unit.

1 Pole Panel Mount Relay, 4-32V DC Control, 660VAC Max. Output ①



Safety Cover

Specifications	50 Amp		75 Amp	
	Catalog Number	Price	Catalog Number	Price
	SAS6-50-1D	96	SAS6-75-1D	134
Input				
Voltage Range	4 - 32V DC		4 - 32V DC	
Current Draw	3.5...8mA		3.5...8mA	
Turn-on Voltage (min.)	4V DC		4V DC	
Turn-off Voltage (max.)	1V DC		1V DC	
Output				
Amp Rating (continuous with proper heatsink)	50		75	
Voltage Range	24 - 660V AC		24 - 660V AC	
Frequency Range	47 - 63 Hz		47 - 63 Hz	
Dimension (mm)	57(H) x 44.5(W) x 23(D) no cover; 57(H) X 44.5(W) x 35(D) with cover			

Important Note:

SAS Family

Adequate heat sinking, including consideration of air temperature and flow, is essential to the proper operation of a solid state relay. Units should not be mounted in an enclosed area without proper air flow. Units should also never be mounted to a plastic base or to a painted surface. Failure to provide adequate heat sinking with thermal gel or pad will cause a solid state relay to fail.

Engineering Note: All units must be correctly installed on an appropriate heat sink, with a thermal transfer gel or pad, in order to dissipate the heat generated. See pages E12, E14 and E15 for more details.

1 Pole Panel Mount Relay, 100-280V AC Control, 660VAC Max. Output]



Specifications	50 Amp		75 Amp	
	Catalog Number	Price	Catalog Number	Price
	SAS6-50-1	104	SAS6-75-1	145
Input				
Voltage Range	100 - 280V AC		100 - 280V AC	
Turn-off Current/Impedance	2mA/10k		2mA/10k	
Turn-on Voltage (min.)	100V AC		100V AC	
Turn-off Voltage (max.)	20V AC		20V AC	
Output				
Amp Rating (continuous with proper heatsink)	50		75	
Voltage Range	24 -660V AC		24 - 660V AC	
Frequency Range	47 - 63 Hz		47 - 63 Hz	
Dimension (mm)	57(H) x 44.5(W) x 23(D) no cover; 57(H) X 44.5(W) x 35(D) with cover			

① Safety cover and terminal screws/saddle clamps supplied with SAS unit.