

EVS

10Ø x 38 mm

Compliant with the ISO 8820 standard



Interrupting Rating

10,000 amperes at 275V AC
10,000 amperes at 450V DC
20,000 amperes at 500V DC

Electrical Characteristics

Ampere Rating	1.1 In	1.35 In		1.5 In	
	MIN	MIN	MAX	MIN	MAX
10A - 50A	4 hr	150 sec	3600 sec	10 sec	1000 sec

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Copper Alloy / Terminal: Tin Plated Copper

Ampere Rating	Opening Time					
	2 In		3 In		5 In	
	MIN	MAX	MIN	MAX	MIN	MAX
10A - 50A	500 ms	100 sec	100 ms	15 sec	50 ms	1 sec

Packaging

Packaging Option	Quantity
Bulk	PCBL (PCB Mount): 50 pcs / set 20 set / box BD (Bolt Down): 40 pcs / set 20 set / box

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Max Voltage Drop (mv)	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec.)
EVS 010	10A	500V	200 mv	0.01153	323
EVS 015	15A	500V	200 mv	0.00665	1153
EVS 020	20A	500V	200 mv	0.00502	623
EVS 030	30A	500V	200 mv	0.00243	3024
EVS 040	40A	500V	200 mv	0.00171	7253
EVS 050	50A	500V	200 mv	0.00123	9203

* Time constant (2.0 ± 0.5) ms at DC test

(*I²t measured at 20 kA / 500 Vdc)

Mechanical Dimensions(mm)

