

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

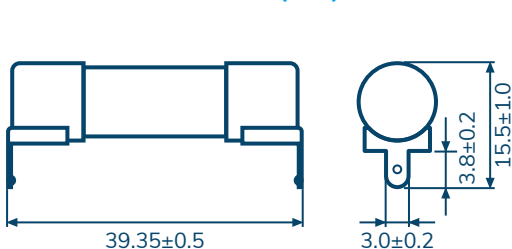
| Packaging Option | Quantity |
|------------------|--|
| Bulk | PCBL (PCB Mount): 50 pcs / set 20 set / box BD (Bolt Down): 40 pcs / set 20 set / box |

| 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 |

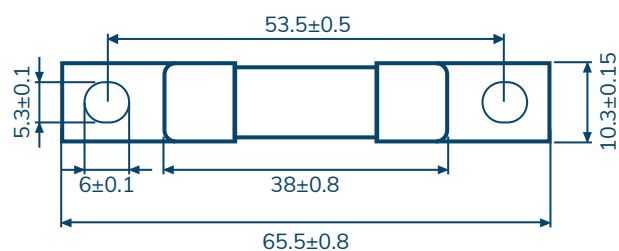
* Time constant (2.0 ± 0.5) ms at DC test

(*I²t measured at 20 kA / 500 Vdc)

Mechanical Dimensions(mm)



EVS PCBL (PCB Mount)



EVS BD (Bolt Down)

