Cartridge Fuses





MCASE+™ Cartridge Fuses

MCASE+™ Cartridge Fuses Rated 32V

The Unslotted MCASE+™ Fuse is a cartridge style fuse up to 40A with female terminals for 2.8 mm male terminals. The Slotted MCASE+™ Fuse is available in amperages up to 60A and can mate with larger male terminals (e.g., 6.3mm) or even mount directly to onto a busbar. It has a miniaturized footprint for optimal usage of space. It is a time delayed fuse and can handle inrush currents.

Specifications

Voltage Rating: 32 VDC Interrupting Ratings: 1000A @ 32 VDC Operating Temperature Range: -40°C to +125°C Housing Material: PPA-GF33 Cover Material: PA66

Fuse Insertion Force: 50N (11.2lbf) Typical

Extraction Force: 4N Min. (0.9 lb). I 24.5N Max. (5.5 lb)

Conforms to: SAE 2741 and ISO 8820-4 in reference to electrical, mechanical

and environmental performance requirements

Ordering Information

Part Number	Package Size
0695xxx.PXPS Slotted	2000
0695xxx.PXP Unslotted	2000
0695xxx.PXP Unslotted	2000

Time-Current Characteristics

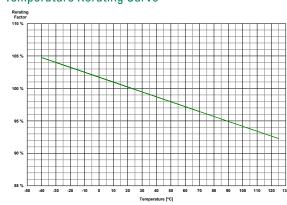
% of Rating	Opening Time Min / Max
110	100hrs / —
135	60s / 1800s
200	2s / 60s
350	0.2s / 7s
600	N N4s / 1s

Ratings

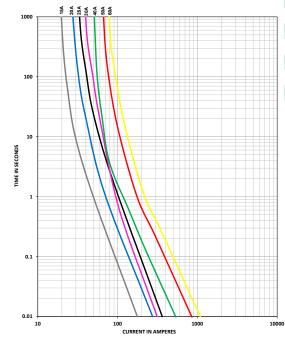
Part Number	Туре	Current Rating* (A)	Housing Material Color	Max. Voltage Drop (mV)	Cold Resistance $(m\Omega)$	I²t (A²s)
0695015.PXP	Unslotted	15		125	5.1	310
0695020.PXP	Unslotted	20		125	3.4	750
0695025.PXP	Unslotted	25		125	2.5	1300
0695030.PXP	Unslotted	30		120	1.8	970
0695040.PXP	Unslotted	40		120	1	1550
0695015.PXPS	Slotted	15		125	5.1	310
0695020.PXPS	Slotted	20		125	3.4	750
0695025.PXPS	Slotted	25		125	2.5	1300
0695030.PXPS	Slotted	30		120	1.8	970
0695040.PXPS	Slotted	40		120	1.1	1550
0695050.PXPS	Slotted	50		120	0.8	4000
0695060.PXPS	Slotted	60		115	0.6	8500

^{*} The performance of the male terminal is critical to ensuring the fuse will function as designed. The current-carrying capability of the mating terminal must be verified to ensure proper system operation.

Temperature Rerating Curve



Time-Current Characteristic Curves



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