

DIN-Rail-Mount Fuse Holders - PMX Series

The new safe (dead-front) modular disconnect fuse holders for "Midget", "CC" and photo-voltaic fuses by ITC provide totally safe operation, as well as easy assembly/disassembly and replacement of the fuse.



Several options without or with indication of the blown fuse are available.

The new improved "PMX" series includes new models along with a range of convenient accessories.

ITC Touch-Proof Modular Fuse Holders

As one of the established North American suppliers of finger-safe DIN rail mount fuse holders for midget and CC fuses, ITC was one of the first to recognize the benefits of these fuse holders versus traditional open-style panel mount models. They are quickly mounted onto any type of 35mm DIN rail, easily wired, and their dead-front, touch-proof design ensures operator safety during the replacement of blown fuses. The new PMX series includes the following models:

- Fuse holders for Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses, 1, 2, 3, 3+1 poles / no indicator 750VAC, max. 30A
- Fuse holders for Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses, 1, 2, 3, 3+1 poles with Neon indicator 750VAC, max. 30A
- Fuse holders for Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses, 1, 2 poles with LED indicator 24 VDC
- Fuse holders for CC (rejection-type) fuses, 1, 2, 3 poles / no indicator 750VAC, max. 30A
- Fuse holders for CC (rejection-type) fuses, 1, 2, 3 poles - with Neon indicator 750VAC, max. 30A
- Fuse holders for Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses, 1, 2 poles / no indicator 350-1000VDC (photovoltaic applications)
- Fuse holders for Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses, 1, 2 poles with indicator 350-1000VDC (photovoltaic applications)

The new design of these fuse holders features, among others, improved airflow channels inside each module, to increase natural cooling, a new transparent holder for a 9x11 mm label, possibility to seal in the closed position with a wire seal, new 2-position DIN rail clip operated by either a flat or a Philips screwdriver.

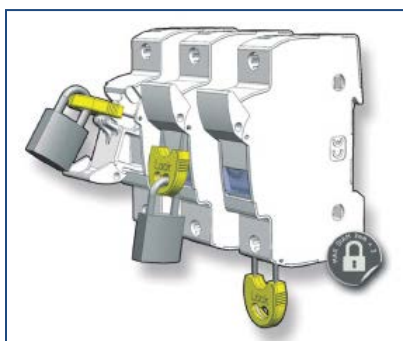
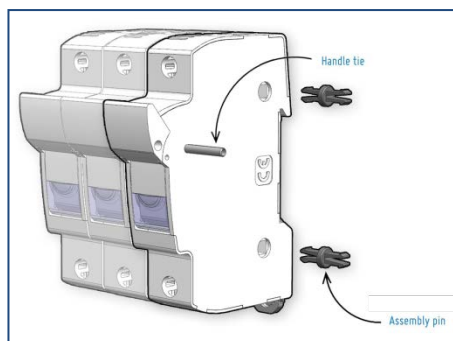
A wide range of accessories include: pins and clips for ganging of single units, circuit separators and IP20 protectors for wire entries, protective caps for screw heads, padlocking accessory, direct panel mounting (without rail) accessory.

The following fuses can be used with these fuse holders:

- Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses, 0.5 to 30A, various ratings and speed curves
- CC (rejection type) fuses, 0.5 to 30A, for CC type fuse holders
- Midget ($1^{13}/_{32}$ "x1½" or 10x38) fuses for photovoltaic applications

NEW!

PHOTOVOLTAIC FUSE HOLDERS 1000VDC !





WARNING:
FUSE HOLDERS MUST NOT BE
OPERATED UNDER LOAD



Technical Specifications:

- **Rated Voltage:** 750V (CSA, UL)
- **Maximum Fuse Rating:** 30A (CSA, UL)
- **Interrupting Capacity:** 100,000A rms symmetric (Midget) - 200,000A rms symmetric (CC)
- **Nominal Wire Section:** 18-8AWG (0.75-16mm²) solid wire / stranded wire (Cu only)
- **Rated Power dissipation:** 3W
- **Rated Impulse Withstand Voltage:** 6 kV
- **Nominal Tightening Torque:** 2.5 Nm / 22 lb.in Use flat screwdriver 5-6mm or Phillips ® #2
- **Indicator rating:** 120 - 400V AC ("Midget" models 750V) / 12/24VDC (LED models 24VDC) / 350/1000VDC (photovoltaic models)
- **Operating temperature:** -20°C to +70°C
- **Storage temperature:** -40°C to +80°C
- **Pollution degree:** 3
- **Weight:** 57g per pole.
- **Ingress protection:** IP20 (with wire > 10AWG/6mm² or with IP20 protection accessory)
- **De-rating tables:**

Ambient Temperature de-rating

Temp. °C	% rating
20	100%
30	95%
40	90%
50	80%
60	70%
70	60%

Multi-pole installation de-rating

No. of poles	% rating
1 - 4	100%
5 - 6	80%
7 - 9	70%
>10	60%

PMX Series Fuse Holders and Accessories (Order by Part No.)

Part No.	Model /description	Certification	Pack Qty.
401.201	1-pole modular Midget fuse holder	CSA, cURus	12
401.202	2-pole modular Midget fuse holder		6
401.203	3-pole modular Midget fuse holder		4
401.211	1-pole modular Midget fuse holder with NEON indicator 100-600VAC		12
401.212	2-pole modular Midget fuse holder with NEON indicator 100-600VAC		6
401.213	3-pole modular Midget fuse holder with NEON indicator 100-600VAC		4
401.241	1-pole modular Midget fuse holder with amber LED indicator 12-24VDC		12
401.242	2-pole modular Midget fuse holder with amber LED indicator 12-24VDC		6
401.301	1-pole modular Midget fuse holder for photovoltaic applications 1000VDC		12
401.302	2-pole modular Midget fuse holder for photovoltaic applications 1000VDC		6
401.311	1-pole modular Midget fuse holder w/NEON indicator for photovoltaic applications 1000VDC		12
401.312	2-pole modular Midget fuse holder w/NEON indicator for photovoltaic applications 1000VDC		6
401.501	1-pole modular CC fuse holder (rejection type)	CSA, UL	12
401.502	2-pole modular CC fuse holder (rejection type)		6
401.503	3-pole modular CC fuse holder (rejection type)		4
401.511	1-pole modular CC fuse holder (rejection type) with NEON ind. 100-600VAC		12
401.512	2-pole modular CC fuse holder (rejection type) with NEON ind. 100-600VAC		6
401.513	3-pole modular CC fuse holder (rejection type) with NEON ind. 100-600VAC		4
401.081	Padlocking accessory for type 400DF/PMX fuse holders	-	10
401.082	IP20 protection accessory for type PMX fuse holders		10
401.083	Phase separation accessory for type PMX fuse holders		10
401.084	Screw cap protective accessory for type PMX fuse holders		10
401.085-1	Direct panel mounting accessory, one module		10
401.085-2	Direct panel mounting accessory, two modules		10
401.085-3	Direct panel mounting accessory, three modules		10
400.095	Connector clip for body of modular units (2 are required between units)		12
401.086	Connector pin for handles of modular units (1pc per assembly of 2 units)		12
450.091	Dummy fuse link 10x38mm (*)		10

Information subject to change without notice- (*) Dummy fuse link can be used in "Midget" or photovoltaic fuse holders only