

Telpower® Miniature Fused Disconnect Switch

TPM & TPMDS

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TPMDS - Telpower® Miniature Fused Disconnect Switch

TPM - Telpower® Miniature Fuse - Current Limiting

Ampere Ratings: 3-30A

Voltage Rating: 80VDC

Interrupting Rating: 20,000A

Agency Information: **CE**

UL Recognized (investigated to UL 1801) as a disconnect switch for the interruption of load current by means of withdrawing the fuse pullout.

Recognized to U.S. and Canadian requirements under the component recognition program of Underwriters Laboratories Inc.

Files E219046 and E56412.

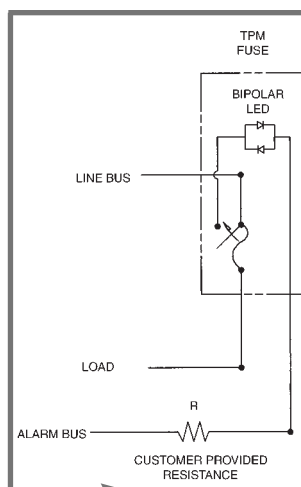
Catalog Number	Description	Ampere Rating
TPM-3	Miniature Fuse	3A
TPM-4	Miniature Fuse	4A
TPM-5	Miniature Fuse	5A
TPM-6	Miniature Fuse	6A
TPM-7	Miniature Fuse	7A
TPM-8	Miniature Fuse	8A
TPM-10	Miniature Fuse	10A
TPM-12	Miniature Fuse	12A
TPM-15	Miniature Fuse	15A
TPM-20	Miniature Fuse	20A
TPM-25	Miniature Fuse	25A
TPM-30	Miniature Fuse	30A
TPMDS-E	Miniature Disconnect, English	3-30A
TPMDS-M	Miniature Disconnect, Metric	3-30A

General Information:

- Smallest and most versatile fused disconnect switch available.
- Small size allows for assembly into 1 U (1.75 inch / 44.5 mm) panel.
- AmpColor ID™ System for easy fuse replacement.
- Switch design provides for easy panel mounting by single captive 4-40 (M3) nut and panel notch integral to switch footprint.
- Local and remote open fuse indication. Local alarm indication provided by LED on TPM fuse.
- Current-limiting capability
- Complete system coordination capability
- Load connection: 1/4 inch quick-connect or bolted connection with 10-32 (M5) captive nut.
- Line connection: 1/4 inch quick-connect or screw connection with clearance hole for #10 (M5) bolt.
- Maximum alarm circuit current: 20 mA
- Materials:
Fuse housing - black thermoplastic, UL 94 V-0, 170°C RTI
Switch housing - black thermoplastic, UL 94 V-0, 140°C RTI

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000VAC, 75-1500VDC). Refer to Data Sheet 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

TPM Alarm Schematic

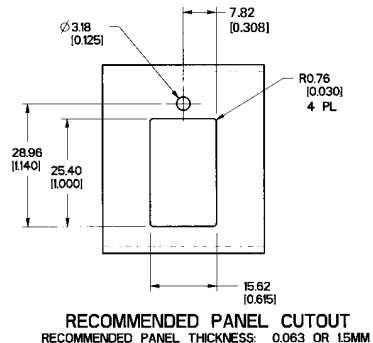
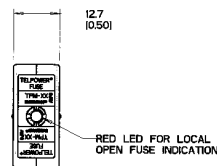
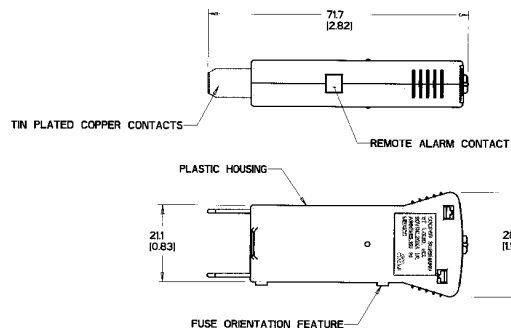
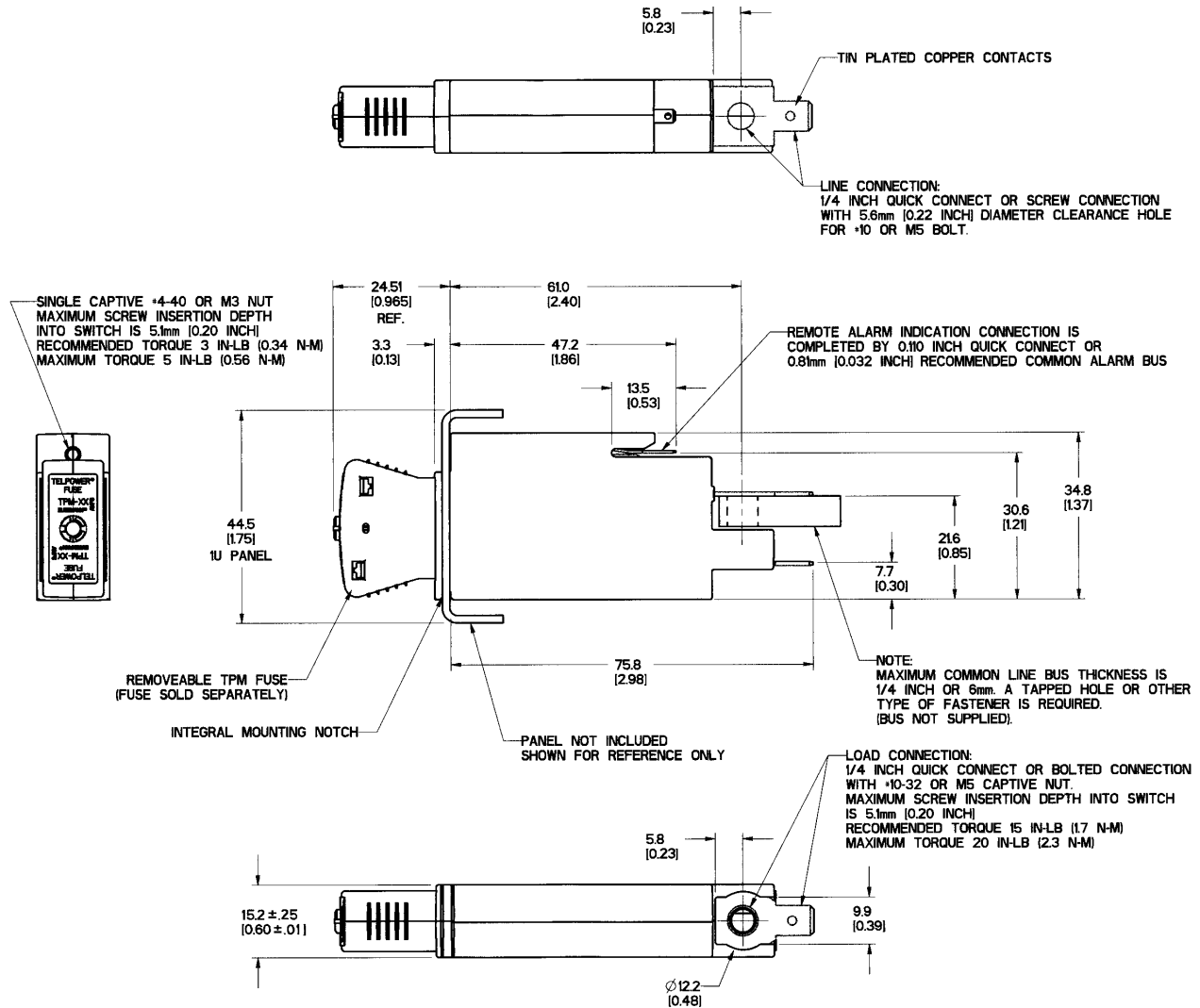


NOTES:

1. The resistance, R, must be provided by the end-user to limit the alarm output current to a maximum of 20 mA. The value, R, should be calculated using the system voltage value.
 - If remote alarm functionality is not required, the *END-USER CIRCUITRY* must still be supplied to provide a resistive path to the return for the local alarm to properly function.
2. The fuse is polarized to maintain proper orientation with the switch housing. The line and load terminals are identified on the switch housing.

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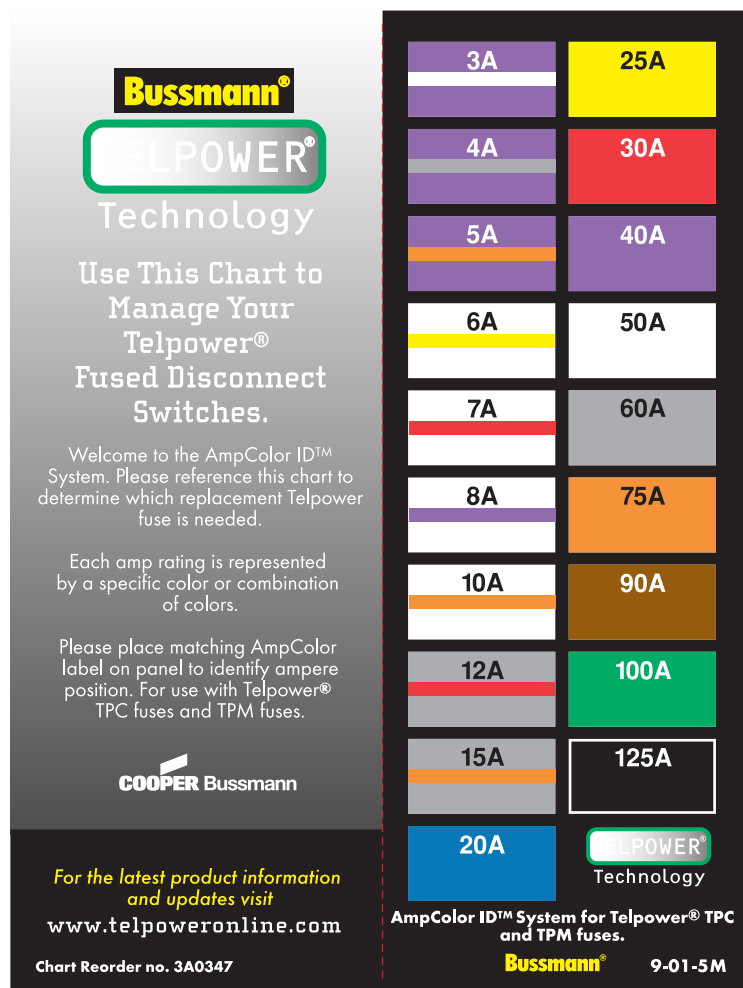
TPM & TPMDS - Dimensional Data



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AmpColor ID™ System

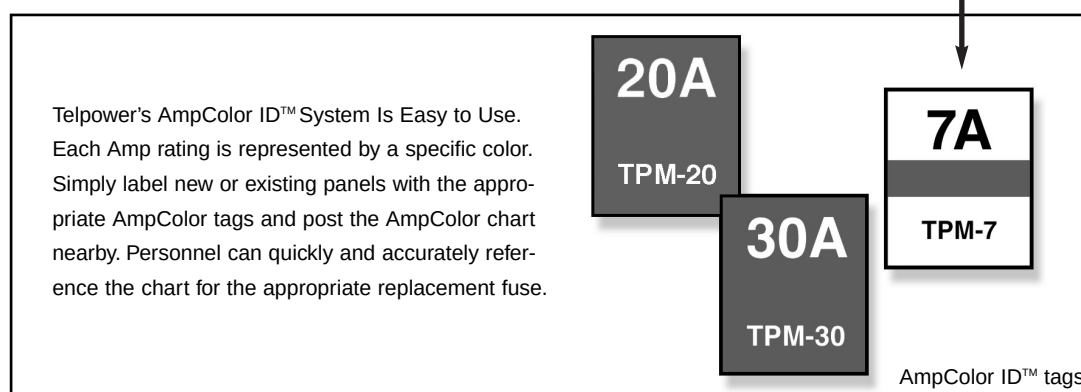


AmpColor ID™ Chart included with each box of ten TPM fuses.

TPM Fuses: 3-30A
TPC Fuses: 3-125A

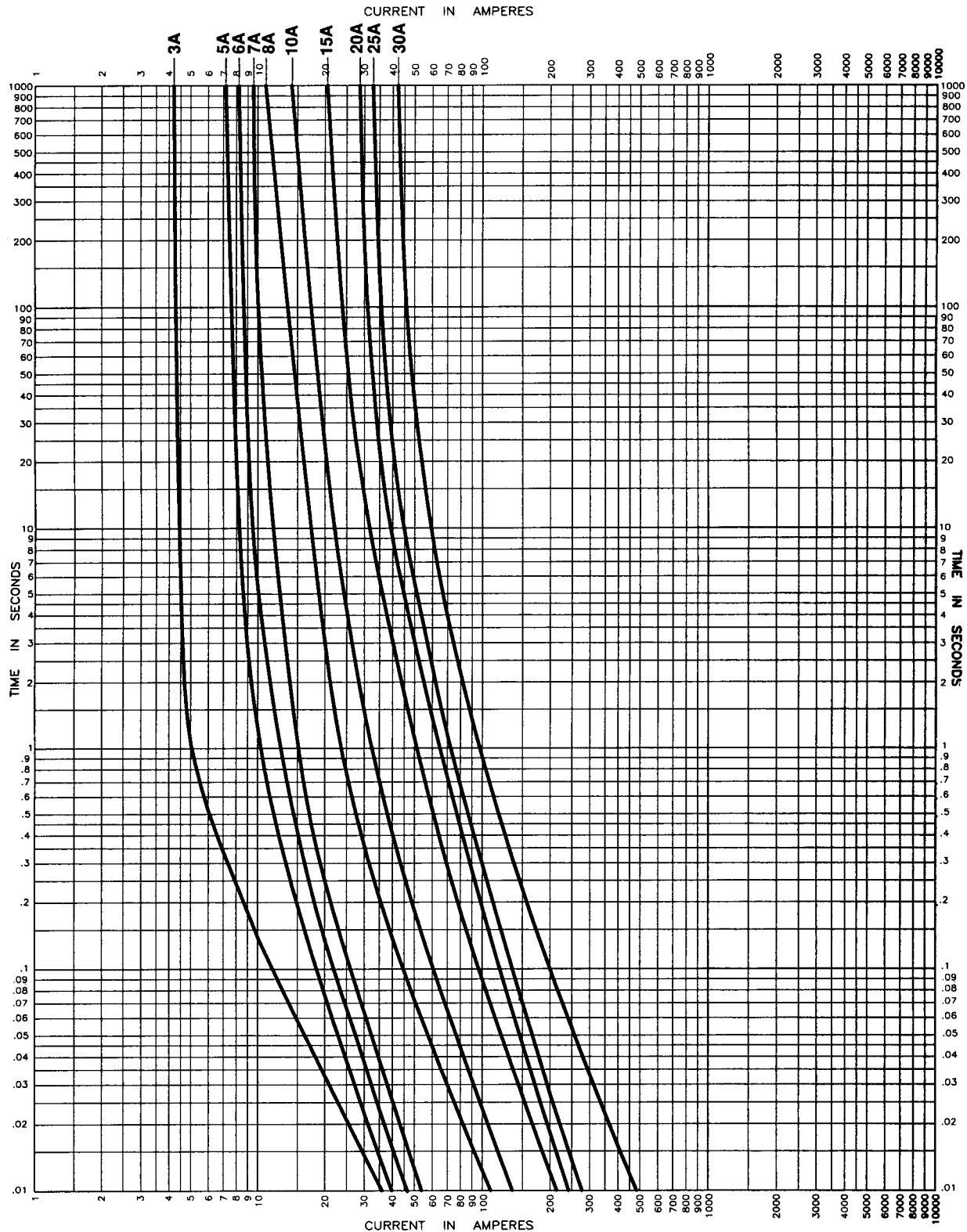
Reference Data Sheet: 5023 for TPC fuse specifications.

Twelve AmpColor ID™ tags included with each box of ten TPM fuses.



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TPM & TPMD5



Time-Current Characteristic Curve—Average Melt