

XT SERIES FUSE BLOCK (POWER DISTRIBUTION MODULE)

350A • 7 Fused Circuits • Integrated Sealed Low-Amp Plug Outputs



Fuses sold separately

Description

Useful combination of fusing protects 3 high-amp circuits such as vehicle control modules, inverters, auxiliary circuits, and four ATO fuses for low-amp circuits including clock memory, alarms, tachograph, and Qualcomm modules.

Ignition protected to SAE J1171 and ISO 8846 for installation in a battery box, or on vehicles carrying hazardous loads. Water and dust-resistant to IP59K, permitting high temperature, high pressure washing. Provides the benefit of a sealed cover, but allows water to escape if the cover is mistakenly unsecured. Cover is tethered and is positively secured with two snap-shut latches.

Compact unit (less than 6" x 4" x 1.75") for multiple installation options. Tin-plated copper studs provide maximum conductivity and significantly lower contact resistance; stainless steel hardware provides superior corrosion resistance. Also available with pre-installed fuses to customer needs.

This product is customer-limited. Please consult Littelfuse for details.

Features and Benefits

- Single compact box combines 3 high-amp (30A-200A) MIDI® circuits with 4 low-amp (1A - 40A) ATO® circuits
- Sealed cover protects internal fuses from harsh weather environments
- Withstands high temperature, high vibration and roadsplash
- Eliminates significant factory or field interconnections.
- Available with pre-installed fuses to meet customer needs and reduce installation time. Minimum order quantity applies.

Note: This product is customer limited. Contact Littelfuse details.

Specifications Overview

| | |
|--|--|
| Max Voltage | 32V DC |
| Max Total Fuse Amperage: | 350A (1X 4/0 input cable) |
| Max Continuous Current per Circuit: | MIDI: 170A (85% of max fuse rating) ATO: 30A (85% of max fuse rating) |
| Number of Fuses | 7 Total (4 ATO & 3 MIDI) |
| Operating Temp: | -55° C to +125° C |
| Ingress Protection: | IP59K |

Web Resources

Download technical resources at:
littelfuse.com/XT

Ordering Information

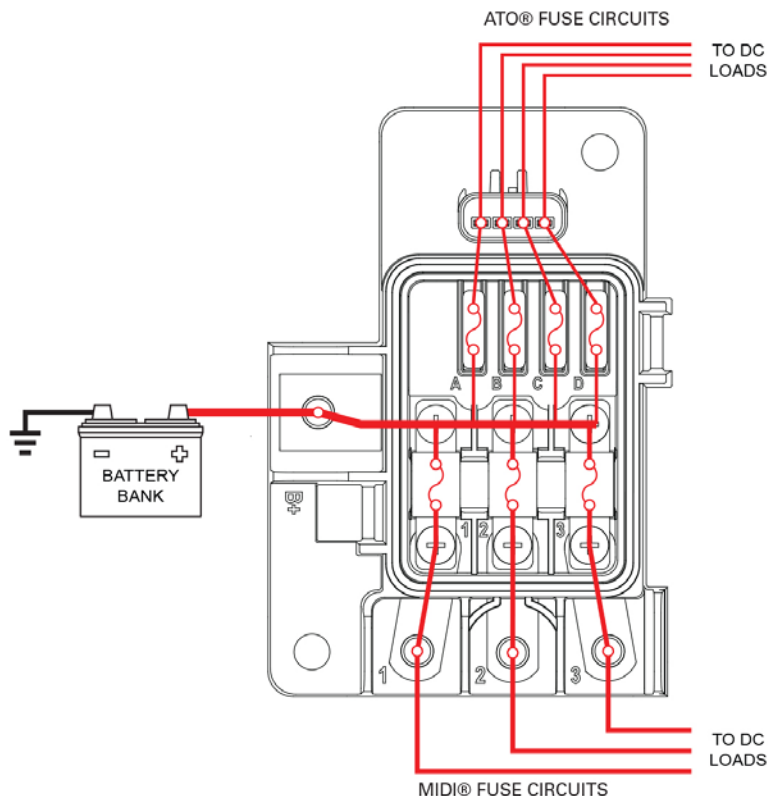
| PART NUMBER | DESCRIPTION |
|-------------|--|
| 880073 | Assembly (Harness & Fuses Sold Separately) |

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Specifications

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|---|--|
| Max Total Fuse Amperage | 350A (1x 4/0 input cable) |
| Max Continuous Voltage (limited by fuses) | 32V DC |
| Max MIDI Continuous Current per Circuit | 170A (85% of max fuse rating) |
| Max ATO Continuous Current per Circuit | 30A (85% of max fuse rating) |
| High-Amp Terminal Stud Size | M8 x 1.25mm (accepts 5/16" and M8 Terminals) |
| Recommended High-Amp Ring Terminal | 5/16" (M8) |
| Mounting Holes | 9mm (for M8 or 5/16" hardware) |
| Temperature Range | -55° C to +125° C |
| Humidity | 0-95% RH |
| Shock | 50 G |
| Vibration | 8 G |
| Ingress Rating | IP59K |
| Ignition Protection | Meets ISO 8846 & SAE J1171 |
| 4-Position Connector (required for low-amp wire harness) | Connector Housing: FCI 2.8mm female 4-way Wire Terminals: Apex female 2.8mm |
| Weight | 1.1lb (0.5kg) |

Configurations



Visit Littelfuse.com for the most up-to-date product information. Littelfuse products are designed for specific applications and should not be used for any purpose (including, without limitation, automotive applications) not expressly set forth in applicable Littelfuse product documentation. Warranties granted by Littelfuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littelfuse product documentation. Littelfuse shall not be liable for any claims or damages arising out of products used in applications not expressly intended by Littelfuse as set forth in applicable Littelfuse product documentation.

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