

MERSEN
Expertise, our source of energy

ELECTRICAL
PROTECTION
COMPONENTS
FOR SOLAR
POWER



ELECTRICAL PROTECTION COMPONENTS FOR SOLAR POWER

HELIOPROTECTION® MIDGET AND TYPE G PV FUSES

- HP6M (600VDC), HP10M (1000VDC), HP15M and HP15G (1500VDC)
- Designed for string combiner box applications.
- UL Listed.



HELIOPROTECTION FUSES WITH CRIMP CAP TERMINATION

- Crimp cap termination for HP10M, HP15M, and HP15G fuses enables users to attach wires directly to the fuses
- Specifically designed for in-line fuse applications. UL Listed.



HELIOPROTECTION CLASS J PV FUSES

- HP6J (600VDC) and HP10J (1000VDC)
- Designed for array and inverter input applications
- The smallest physical design on the market



ULTRASAFE™ PV FUSE HOLDERS

- Finger-safe design for string combiner box applications
- Screw (US) or spring (USG) wire terminal designs available
- For use with HP6M & HP10M string fuses



1500VDC PV FUSE HOLDER SERIES

- All PV applications
- Combiner box applications
- Low power dissipation of only 6 watts @30A



HELIOPROTECTION NH STYLE PV FUSES

- HP10NH (1000VDC) and HP15NH (1500VDC)
- Designed for array and inverter input applications
- Meet future market trends with 1500VDC fuses



IN-LINE AND PANEL MOUNT FUSE HOLDERS

- In-line design for string wire harnesses
- Panel mount design for small inverter applications



PV FUSE BLOCKS

- Open-style design for array or re-combiner applications
- Box and stud connector options available
- For use with HP6J, HP10J, HP10NH, HP15NH fuses



SURGE PROTECTIVE DEVICES

- ST (Modular) and STP (Pluggable) designs for all PV applications
- Ratings available up to 1500VDC



PV DISCONNECT SWITCHES

- M-series rated up to 1000VDC
- Designed for string and array combiner box applications



DC CONTACTORS

- High voltage, high ampacity for switching DC loads at the inverter
- Ideal for central inverters in grid-tie applications



POWER DISTRIBUTION BLOCKS

- Finger-safe (FSPDB) or open-style (MPDB) designs for combiner box applications
- Combine string circuits easily and safely



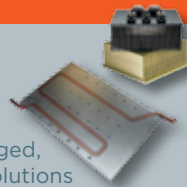
SQUARE BODY FUSES

- PSC series semiconductor fuses
- Designed for protection of sensitive components within the inverter



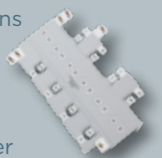
COOLING DEVICES

- Designed for thermal control of sensitive components within the inverter
- High performance, rugged, liquid and air cooled solutions



LAMINATED BUS BAR

- Wire management solutions within the inverter
- Reduce cost, improve reliability, increase capacitance, eliminate wiring errors in the inverter



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