

| EMP Shield Product Specifications | DC/300/420/W |
|---------------------------------------|--|
| Phase: | Direct Current |
| Nominal System Voltage: | 300 - 420V DC |
| Maximum Surge Per Circuit: | 114kA (8-20 microseconds) |
| Short Circuit Current Rating: | 10kA |
| Nominal Discharge Current: | 114kA (8-20 microseconds) |
| Number of Poles: | N/A |
| Enclosure Material | Plastic |
| NEMA Rating: | NEMA 4 |
| Application: | Outdoor Applications; Indoor Applications |
| Color: | Gray |
| Features: | LED Status Indication; DC Power Protection |
| For Maximum Wire Size: | 12 AWG |
| For Use With: | Individual DC Equipment Power Box; Solar collection systems, and other DC power supplies |
| Frequency: | N/A |
| IP Rating Met: | IP66 |
| Maximum Continuing Operating Voltage: | 300/420 V DC |
| Maximum Surge Current Per Mode: | 114kA (8-20 microseconds) |
| Modes of Protection: | Pos - Neg; Pos - Gnd; Neg - Gnd |
| Mounting Style: | Individual DC Equipment Power Box; DC Circuit Breaker Enclosures; and DC Power Supplies |
| Number of Wires: | 3 |
| Overall Height: | 2-1/2" |
| Overall Length: | 6-3/16" |
| Overall Width: | 2-3/4" |
| Specification Met: | UL 1449; CE; IP66; MIL-STD-188-125-1; MIL-STD-461G; MIL-STD-464C; and RS105 |
| Voltage Protection Rating | Pos- Neg 560V; Pos - Gnd 560V; Neg - GND 560V |
| Response Time: | < 1 nanosecond |