

EMP Shield Product Specifications	DC/48V/W
Phase:	Direct Current
Nominal System Voltage:	48V 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:	48V 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 82V; Pos - Gnd 82V; Neg - GND 82V
Response Time:	< 1 nanosecond

EMP Shield Product Specifications	DC/24V/W
Phase:	Direct Current
Nominal System Voltage:	24V DC
Maximum Surge Per Circuit:	69kA (8-20 microseconds)
Short Circuit Current Rating:	10kA
Nominal Discharge Current:	69kA (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:	24V DC
Maximum Surge Current Per Mode:	69kA (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 47V; Pos - Gnd 47V; Neg - GND 47V
Response Time:	< 1 nanosecond