marathon®
Special Products

Product Data Sheet

PV15BW32

Photovoltaic Fuse Holder

32 Amps 1500 Volts DC

Wire Range

- 6 - 14 AWG stranded
- Copper wire only

Electrical Ratings

- 32A, 1500V DC
- SC withstand 50kA
- CU9AL - 90°C connector terminal rating
- Factory & field wiring
- Touch Protection: IP-20 (IEC 60529)

Agency Compliance

- UL recognized fuse holder, evaluated to UL 4248-18, file no. IZMR2.E364954
- CSA - class 3211 37. file no. LR21455

Material Information

- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94V0
  - Insulator base temperature rating: -40°C to 140°C (UL RTI)
- Bus bar clamp - steel, zinc plated
- Fuseclip - copper, tin plated
- Spring - steel, zinc plated
- Terminal screws - steel, zinc plated
- RoHS compliant

Termination Specifications

Bus Bar Terminal	Thickness	Width	Torque N-m (lbf-in)
Min.	0.09" (2.3mm)	0.500" (12.7mm)	2.0 N·m (17.7 lbf·in)
Max.	0.25" (6.4mm)	-	2.0 N·m (17.7 lbf·in)

- Utilize typical copper bus bar ampacity tables

Wire Size (CU Stranded)	Torque N-m (lbf-in)	Wires / Terminal	Wire Class (UL) [1]
#6 - 14	2.0 N·m (17.7 lbf·in)	1	B, C
#10 - 14	2.0 N·m (17.7 lbf·in)	2	B, C

- Wire strip length: 0.50" (13 mm)

Installation & Accessories

- Mounting:
  - 7.5 X 35 mm DIN rail mountable
- Safety Guidelines:
  - Do not open under load

Catalog #	Description
PV15BW32	Fuse holder - midget (10 x 85mm) 32A. PV fuses
EFH-MCCK C	Ganging clips - used to group multiple fuse holders together as an assembly
1 MS PV15 01A	White vinyl marking strip with printing (1-24)
1 MS PV15 01X	White vinyl marking strip with no printing
ECPVFH	End cap - covers the end opening(s) of the bus bar terminal
MN35-2	Din rail - 35 x 7.5 x 200mm long, slotted
MSK35	End bracket - for anchoring in place on din rail

Acceptable Fuses

Manufacturer	Part Number	Reference Ratings:		
		Amps	Volts DC	Interrupt
Littelfuse	SPXV006	6	1500	30kA
Littelfuse	SPXV008	8	1500	30kA
Littelfuse	SPXV010	10	1500	30kA
Littelfuse	SPXV012	12	1500	30kA
Littelfuse	SPXV015	15	1500	30kA
Littelfuse	SPXV020	20	1500	30kA
Littelfuse	SPXV025	25	1500	30kA
Littelfuse	SPXV030	30	1500	30kA
Mersen	HP15M6	6	1500	50kA
Mersen	HP15M7	7	1500	50kA
Mersen	HP15M8	8	1500	50kA
Mersen	HP15M10	10	1500	50kA
Mersen	HP15M12	12	1500	50kA
Mersen	HP15M15	15	1500	50kA
Mersen	HP15M20	20	1500	50kA
Mersen	HP15M25	25	1500	50kA
Mersen	HP15M30	30	1500	50kA
Bussmann	PV-2.25A14LF10F	2.25	1500	10kA
Bussmann	PV-2.5A14LF10F	2.5	1500	10kA
Bussmann	PV-3A14LF10F	3	1500	10kA
Bussmann	PV-3.5A14LF10F	3.5	1500	10kA
Bussmann	PV-4A14LF10F	4	1500	10kA
Bussmann	PV-15A14LF10F	15	1500	10kA
Bussmann	PV-20A14LF10F	20	1500	10kA
Bussmann	PV-25A14LF10F	25	1500	10kA
Bussmann	PV-32A14LF10F	32	1500	10kA
ETI	2625201	4	1500	10kA
ETI	2625239	5	1500	10kA
ETI	2625202	6	1500	10kA
ETI	2625203	8	1500	10kA
ETI	2625204	10	1500	10kA
ETI	2625205	12	1500	10kA
ETI	2625240	15	1500	10kA
ETI	2625206	16	1500	10kA
ETI	2625207	20	1500	10kA
ETI	2625208	25	1500	10kA

Conditions of Acceptibility

- Electrical spacings must be maintained according to the requirements of the equipment in which the product is installed.
- End use temperature tests must be performed
- The number of fuse holders attached to bus bar and the mounting methods will be judged in end use

Drawing