

PVS-16/20/24MH

PV combiner box for 1500 Vdc system



EFFICIENT AND SAFE

- 1500V-Specific PV fuse, both positive and negative terminal
- 1500V-Specific PV SPD with fault alarm
- String current and voltage monitoring
- Main load switch state monitoring (optional)



FLEXIBLE

- IP65 protection, meet the outdoor installation and usage requirements
- Self-powered power supply with lightning protection
- Output cable sectional area 120 – 400 mm² (max. 400 mm² Al cable)
- PG Gland / MC4 terminal connector
- Power line communication optional, saves communication cable cost



QUALIFIED

- Highly optimize the system wiring
- Modular design, easy and quick maintenance
- CE

| Type designation | PVS-16MH | PVS-20MH | PVS-24MH |
|--|---------------------------|---------------------------|---------------------------|
| Parameters | | | |
| Max. PV string voltage | | 1500 V | |
| Max. PV string parallel inputs | 16 | 20 | 24 |
| Rated fuse current for each string (replaceable) | | 15 A / 20 A | |
| Switch disconnecter | | 400 A | |
| SPD | | 1500 Vdc Type II | |
| Input terminal type | | PG Gland / MC4 terminal | |
| Output terminal type | 120 – 300 mm ² | 120 – 300 mm ² | 120 – 400 mm ² |
| Protection class | | IP65 | |
| Environment temperature | | -40 °C to 60 °C | |
| Environment humidity | | 0 – 95% | |
| Dimensions (W * H * D) | | 930 * 730 * 260 mm | |
| Weight | 38 kg | 40 kg | 42 kg |
| Switch-disconnector handle | | Internal handle | |
| Material | | SMC Plastic | |
| Standard Accessories | | | |
| DC main output load switch | | Yes | |
| PV specific application SPD | | Yes | |
| PV SPD failure monitoring | | Yes | |
| PV self power supply for internal loads | | Yes | |
| RS485 Communication port | | Yes | |
| Current and voltage monitoring for each string | | Yes | |
| Optional Accessories | | | |
| Negative Grounding | | Optional | |
| Monitoring for load switch state | | Optional | |
| PLC Communication port | | Optional | |

