



**PV-SPD, 600V, class 2 tested with AUX contact**

**Part no. SPPVRT2-600-2+PE-AX  
EP-501973**

| General specifications |  |                                           |
|------------------------|--|-------------------------------------------|
| Product name           |  | Eaton xPole SPPVR surge protection device |
| Part no.               |  | SPPVRT2-600-2+PE-AX                       |
| EAN                    |  | 9010653062943                             |
| Product Length/Depth   |  | 104 millimetre                            |
| Product height         |  | 60 millimetre                             |
| Product width          |  | 54 millimetre                             |
| Product weight         |  | 0.258 kilogram                            |
| Certifications         |  | CE                                        |
| Product Tradename      |  | xPole SPPVR                               |
| Product Type           |  | Surge protection device                   |
| Product Sub Type       |  | None                                      |

## Technical data ETIM 9.0

|                                                                                                                                                                                                                            |                 |                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|
| Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)                                                                                                          |                 |                               |
| Electric engineering, automation, process control engineering / Internal and external lightning protection / Lightning protection (other) / Lightning protection (other, not specified) (ecl@ss13-27-17-90-90 [AHE465002]) |                 |                               |
| System configuration DC                                                                                                                                                                                                    |                 | Yes                           |
| System configuration IT                                                                                                                                                                                                    |                 | No                            |
| System configuration TN                                                                                                                                                                                                    |                 | No                            |
| System configuration TN-C                                                                                                                                                                                                  |                 | No                            |
| System configuration TN-C-S                                                                                                                                                                                                |                 | No                            |
| System configuration TN-S                                                                                                                                                                                                  |                 | No                            |
| System configuration TT                                                                                                                                                                                                    |                 | No                            |
| System configuration other                                                                                                                                                                                                 |                 | No                            |
| Number of conductors (without earthing)                                                                                                                                                                                    |                 | 2                             |
| Nominal discharge surge current (8/20)                                                                                                                                                                                     | kA              | 20                            |
| Max. discharge surge current (8/20)                                                                                                                                                                                        | kA              | 40                            |
| Nominal voltage AC                                                                                                                                                                                                         | V               |                               |
| Nominal voltage DC                                                                                                                                                                                                         | V               | 600                           |
| Max. continuous voltage AC                                                                                                                                                                                                 | V               |                               |
| Max. continuous voltage DC                                                                                                                                                                                                 | V               | 600                           |
| Max. PV-voltage                                                                                                                                                                                                            | V               | 600                           |
| Voltage protection level                                                                                                                                                                                                   | kV              | 2.5                           |
| Voltage protection level L-N                                                                                                                                                                                               | kV              |                               |
| Voltage protection level N-PE                                                                                                                                                                                              | kV              |                               |
| Max. overcurrent protection device, parallel connection (fuse)                                                                                                                                                             | A               |                               |
| Max. overcurrent protection device, series connection (fuse)                                                                                                                                                               | A               |                               |
| Short-circuit breaking capacity (Isc cr)                                                                                                                                                                                   | kA              | 9                             |
| Integrated short-circuit protection                                                                                                                                                                                        |                 | No                            |
| Integrated short-circuit protection selective to fuse gG                                                                                                                                                                   | A               |                               |
| Integrated backup fuse                                                                                                                                                                                                     |                 | No                            |
| Leakage-current free                                                                                                                                                                                                       |                 | No                            |
| Mounting method                                                                                                                                                                                                            |                 | DIN rail (top hat rail) 35 mm |
| Construction size                                                                                                                                                                                                          |                 | 3 modular spacing             |
| Max. conductor cross section solid (solid, stranded)                                                                                                                                                                       | mm <sup>2</sup> | 35                            |
| Max. conductor cross section flexible (fine-strand)                                                                                                                                                                        | mm <sup>2</sup> | 25                            |
| With remote signalling contact                                                                                                                                                                                             |                 | Yes                           |
| Signalling at the device                                                                                                                                                                                                   |                 | Optical                       |

|                           |  |      |
|---------------------------|--|------|
| Category type 2           |  | Yes  |
| Degree of protection (IP) |  | IP20 |