



**Plug-in surge arresters, 3-phase+N/BB, 460VAC, 20 kA**



**Part no.** SPCT2-460-3+NPE/BB  
**Catalog No.** 167632  
**Alternate Catalog No.** SPCT2-460-3NPE/BB

Similar to illustration

**Delivery program**

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Products          | Surge arresters                                          |
| Application field | Residential buildings<br>Utility buildings<br>Open areas |

**Technical data ETIM 7.0**

|                                                                                                                                                                                                                                                             |                 |                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|
| Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)                                                                                                                                           |                 |                               |
| Electric engineering, automation, process control engineering / Protection installation, device (electric) / Surge protection device (inner lightning protection) / Surge protection device for power supply systems (ecl@ss10.0.1-27-13-08-05 [ACN278011]) |                 |                               |
| System configuration DC                                                                                                                                                                                                                                     |                 | No                            |
| System configuration IT                                                                                                                                                                                                                                     |                 | Yes                           |
| System configuration TN                                                                                                                                                                                                                                     |                 | Yes                           |
| System configuration TN-C                                                                                                                                                                                                                                   |                 | No                            |
| System configuration TN-C-S                                                                                                                                                                                                                                 |                 | Yes                           |
| System configuration TN-S                                                                                                                                                                                                                                   |                 | Yes                           |
| System configuration TT                                                                                                                                                                                                                                     |                 | Yes                           |
| System configuration other                                                                                                                                                                                                                                  |                 | Yes                           |
| Number of conductors (without earthing)                                                                                                                                                                                                                     |                 | 3                             |
| Nominal discharge surge current (8/20)                                                                                                                                                                                                                      | kA              | 20                            |
| Nominal voltage AC                                                                                                                                                                                                                                          | V               | 460                           |
| Nominal voltage DC                                                                                                                                                                                                                                          | V               | 0                             |
| Short-circuit breaking capacity (Iscbr)                                                                                                                                                                                                                     | kA              | 0                             |
| Max. continuous voltage AC                                                                                                                                                                                                                                  | V               | 460                           |
| Max. discharge surge current (8/20)                                                                                                                                                                                                                         | kA              | 40                            |
| Max. continuous voltage DC                                                                                                                                                                                                                                  | V               | 0                             |
| Mounting method                                                                                                                                                                                                                                             |                 | DIN rail (top hat rail) 35 mm |
| Construction size                                                                                                                                                                                                                                           |                 | 4 modular spacing             |
| Max. PV-voltage                                                                                                                                                                                                                                             | V               | 0                             |
| Voltage protection level                                                                                                                                                                                                                                    | kV              | 2.2                           |
| Max. conductor cross section solid (solid, stranded)                                                                                                                                                                                                        | mm <sup>2</sup> | 25                            |
| Max. conductor cross section flexible (fine-strand)                                                                                                                                                                                                         | mm <sup>2</sup> | 35                            |
| Voltage protection level L-N                                                                                                                                                                                                                                | kV              | 0                             |
| Voltage protection level N-PE                                                                                                                                                                                                                               | kV              | 0                             |
| With remote signalling contact                                                                                                                                                                                                                              |                 | No                            |
| Integrated backup fuse                                                                                                                                                                                                                                      |                 | No                            |
| Signalling at the device                                                                                                                                                                                                                                    |                 | Optic                         |
| Category type 2                                                                                                                                                                                                                                             |                 | Yes                           |
| Degree of protection (IP)                                                                                                                                                                                                                                   |                 | IP20                          |