### Surge protection made easy – SPD selection aid

**according to the current IEC 60364-4-44 and IEC 60364-5-53**

### Application

- Residential buildings, multiple-occupancy dwellings, etc.
- Without external lightning protection system with earth cable infeed (IEC 60364-5-53 and 60364-4-44)

### Situation

- Buildings of lightning protection classes III and IV (e.g. housing and commercial and office buildings)
- Exposed cable supply (according to IEC 60364-5-53 and 60364-4-44)
- Earthed antenna structures (recommendation)
- Buildings of lightning protection classes I to IV (e.g. industrial buildings, computer centres or hospitals)

### Installation location: Main distributor

- at the infeed point of the system

### Installation location: Sub-distributor

- with a spacing to the main distributor > 10 m

### Installation location: Terminal

- as close as possible to the resource to be protected

### Alternatively

#### TN-S/TT

- MCF100-3+NPE+FS
  - Item no. 5096 987

- MCF75-3+FS
  - Item no. 5096 981
  - leakage current-free

#### TN-C/IT

- MCF75-3+FS
  - Item no. 5096 981
  - leakage current-free

#### TN-TT

- V20-3+NPE-280
  - Item no. 5095 253

- V20-3+NPE-280+FS
  - Item no. 5095 333

- V50-3+NPE-280
  - Item no. 5093 526

- V50-3+NPE-280+FS
  - Item no. 5093 533

### Universal fine protection

- FC-D
  - Item no. 5092 80 0

- CNS-3-D
  - Item no. 5092 70 1

### 3-way socket

- with audible error signalling

### Surge protection module 45

- with optical function display

### Hat rail device

- with visual function display

### Protection device for 2 phases

- with acoustic signalling

### Device for installation behind sockets through simple attachment

### Protection device through a housing

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according to the current IEC 60364-4-44 and IEC 60364-5-53

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