

# PSC4-12,5/400 TNS

77738455

Surge Protection Device, Type 1+2, 3Ph+N, 12.5kA(10/350), 230V, TNS earthing system,



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[Link to the product page](#)

| Technical Data                           | Value             | Units |
|--|-------------------|-------|
| <b>Commercial data</b>                   |                   |       |
| Code                                     | 77738455          |       |
| Part Number                              | PSC4-12,5/400 TNS |       |
| Status                                   | Available         |       |
| EAN                                      | 8435297829751     |       |
| Tariff code (HS)                         | 8536.30.90        |       |
| <b>Dimensions</b>                        |                   |       |
| Product height                           | 90                | [mm]  |
| Product width                            | 72                | [mm]  |
| Product length                           | 76                | [mm]  |
| Product weight                           | 630               | [gr]  |
| <b>General data</b>                      |                   |       |
| Internal configuration                   | 4P                |       |
| No. poles                                | 4                 |       |
| No. DIN rail modules                     | 4                 |       |
| Installation                             | (L1-L2-L3-N-PE)   |       |
| Format                                   | Pluggable         |       |
| Network configuration                    | TT, TNS           |       |
| Certifications                           | CE                |       |
| Designation according to EN 61643-11     | Type 1+2          |       |
| Designation according to IEC 61643-11    | Class I+II        |       |
| Insulating material & flammability class | PA66 CT1; V-0     |       |
| Enclosure                                | IP 20             |       |
| Temperature range                        | -40 °C ... +80 °C |       |
| <b>Technical features</b>                |                   |       |

| Supply voltage                                    |                         | 230 / 400 [V] |        |
|---|-------------------------|---------------|--------|
| Nominal voltage AC 50-60 Hz (L-N)                 | Un (L-N)                | 230           | [V]    |
| Nominal voltage AC 50-60 Hz (L-L)                 | Un (L-L)                | 400           | [V]    |
| Maximum continuous operating voltage (L-PE)       | Uc (L-PE)               | 275           | [V]    |
| Lightning impulse current (10/350) (L-PE)         | limp (L-PE)             | 12,5          | [kA]   |
| Maximum discharge current (8/20) (L-PE)           | I <sub>max</sub> (L-PE) | 65            | [kA]   |
| Nominal discharge current (8/20) (L-PE)           | I <sub>n</sub> (L-PE)   | 20            | [kA]   |
| Nominal discharge current (8/20)                  | I <sub>n</sub>          | 20            | [kA]   |
| Voltage protection level (L-PE) at I <sub>n</sub> | U <sub>p</sub> (L-PE)   | 1,3           | [kV]   |
| Maximum back-up fuse                              |                         | 125           | A [gL] |
| Short circuit withstand                           | I <sub>sc</sub>         | 25            | [kA]   |
| Response time (L-PE)                              | t <sub>A</sub> (L-PE)   | 25            | [ns]   |
| Remote indication                                 |                         | No            |        |
| Visual end of life indication                     |                         | Yes           |        |
| Dynamic thermal disconnection (L-PE)              |                         | Yes           |        |

| Certifications | Value | Units |
|----------------|-------|-------|
| Certifications | CE    |       |

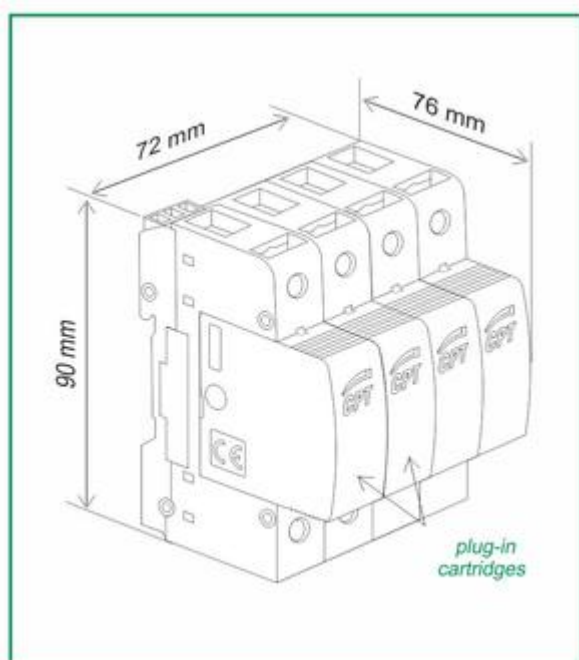
## Accessories



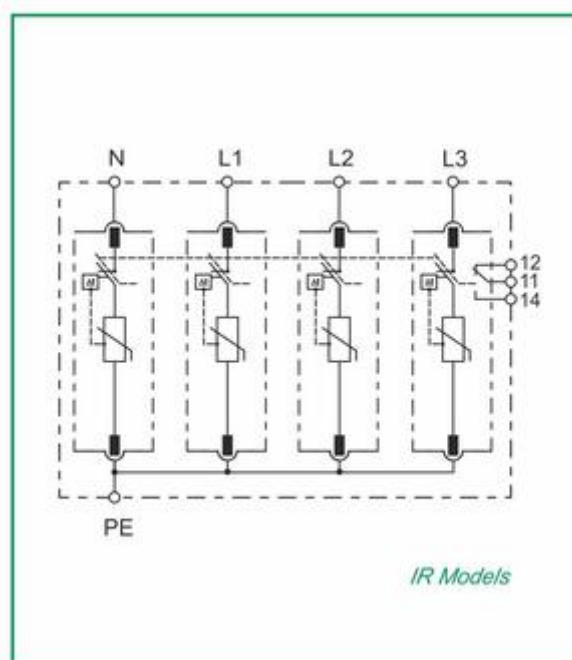
|             |  |
|-------------|--|
| Código      | 77738601   |
| Referencia  | PSC-12,5/230   |
| Description | <b>Replaceable module, Type 1+2,<br/>Ph,12.5kA(10/350), 230V</b> |

## Wiring diagrams

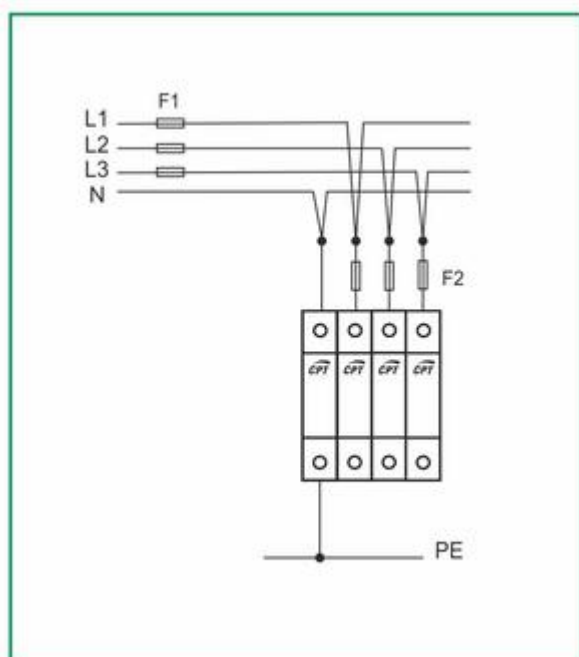
## Dimensions



## Internal configuration



## Wiring diagram



Other images

PSM-POLARIZADOR



PSM-INDICADOR-REMOTA



PSM-CONEXION-BICONNECT



PSM-SUSTITUCION-CARTUCHO



## Downloads

|                      |   |
|----------------------|---|
| Install sheet        | <a href="#">CPT-FAP-PROTECCION-CONTRA-SOBRETENSIONES-PSC4-12,5.pdf</a>                  |
| Wiring diagram (CAD) | <a href="#">CPT-CAD-PROTECCION-CONTRA-SOBRETENSIONES-PSC4-12,5-400-TNS-77738455.dwg</a> |
| Wiring diagram (PDF) | <a href="#">CPT-CIP-PROTECCION-CONTRA-SOBRETENSIONES-PSC4-12,5-400-TNS-77738455.pdf</a> |

## Address



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