

T1SP1/12.5/320R

Lightning & Surge Arrester / Varistor

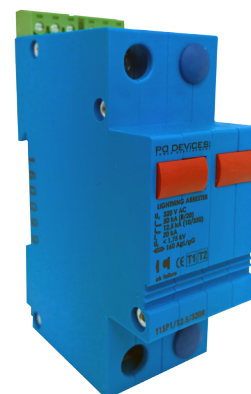
Type 1 Class I



The T1SP1/12.5/320R is a lightning current arrester type 1 according to EN 61643-11. Installed at the boundary of LPZ 0-1 (according to IEC 1312-1 and EN 62305), which provides potential equalization and disposal of lightning current and switching surges that occur in power supply systems entering the building.

The T1SP1/12.5/320R is mainly used on the power supply lines, which are operated as a system TN-C, TN-S and TT. The main use of the T1SP1/12.5/320R is in the objects that fall under the CSN EN 62305 to protective levels of LPL II III and IV.

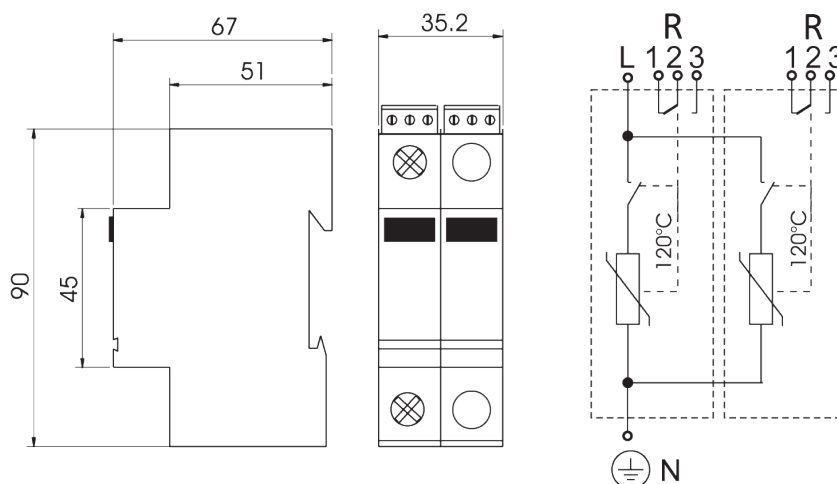
The T1SP1/12.5/320R is a version with remote monitoring.



T1SP1/12.5/320R

| Specifications | | |
|--|-----------|---------------------------------------|
| Test class according to EN 61643-11 and IEC 61643-11 | | TYPE 1 - CLASS I |
| Max. continuous operating voltage AC | U_c | 320 V |
| Max. discharge current (8/20) | I_{max} | 20 kA |
| Lightning impulse current (10/350) | I_{imp} | 12.5 kA |
| Voltage protection level | U_p | <1.3kV |
| Response time | t_A | < 25 ns |
| Max. back-up fuse | | 160 A gL/gG |
| LPZ | | 0-1 |
| Housing material | | Polyamid PA6, UL94 V-0 |
| Protection type | | IP20 |
| Operating temperature range | | -40°C +70°C |
| Failure signalisation | | pushed in - ok / pushed out - failure |
| Weight | m | 280g |
| Part Codes | | T1SP1/12.5/320R |

Dimensions in mm



Revision: vPD1, 14/12/16
Information subject to change without notice.

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application.

