

T3SP1/1.5/3.0/230S

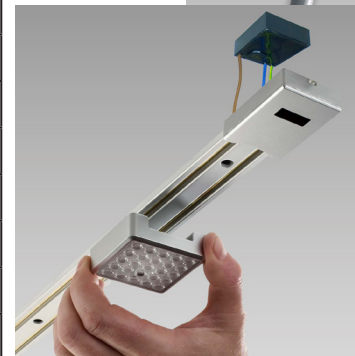
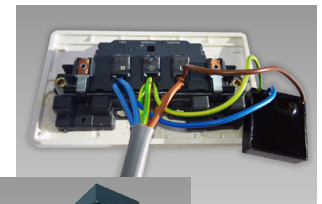
Type 3 Class III Surge Arrester



A class 3 surge arrester that is a flexible solution to protecting individual pieces of equipment. Perfectly suited to protecting – ring mains & individual sockets, switch fuse spurs, lighting, fire alarm panels, CCTV cameras etc.

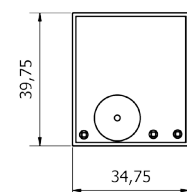
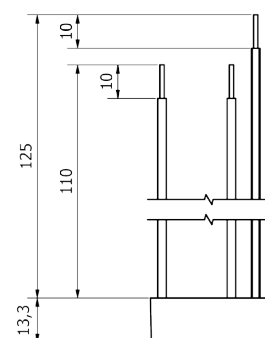
Its small size means that it can be mounted in confined spaces and the audible alarm will indicate if the arrester needs to be replaced

The T3SP1/1.5/3.0/230S will offer up to 10 metres of protection either side of the device it is installed on.



| Specification | |
|---|--|
| SPD according to EN 61643-11 | Type 3 |
| SPD according to IEC 61643-1/-11 | Class III |
| Nominal a.c. voltage (U_N) | 230 V |
| Max. continuous operating a.c. voltage (U_c) | 250 V |
| Nominal discharge current (8/20 μ s) (I_n) | 1.5 kA |
| Total discharge current (8/20 μ s) [L+N-PE] (I_{total}) | 3 kA |
| Combined impulse (U_{oc}) | 3 kV |
| Combined impulse [L+N-PE] ($U_{oc total}$) | 6 kV |
| Voltage protection level [L-N] (U_p) | ≤ 1.25 kV |
| Voltage protection level [L/N-PE] (U_p) | ≤ 1.5 kV |
| Response time [L-N] (t_A) | ≤ 25 ns |
| Response time [L/N-PE] (t_A) | ≤ 100 ns |
| Max. mains-side overcurrent protection | 32 A gL/gG |
| Short-circuit withstand capability for mains-side | 6 kA _{ms} |
| Temporary overvoltage (TOV) [L-N] (U_T) | 335 V / 5 sec. |
| Temporary overvoltage (TOV) [L/N-PE] (U_T) | 400 V / 5 sec. |
| Temporary overvoltage (TOV) [L+N-PE] (U_T) | 1200 V + U_{CS} / 200 ms |
| Fault indication | Acoustic signal on |
| Number of ports | 1 |
| Operating temperature range (T_u) | -25°C... + 70 |
| Terminal wires | 1 mm ² , 125 mm long |
| Enclosure material | Epoxy encapsulation, black, uL 94 V ϕ |
| Place of installation | Indoor installation |
| Degree of protection of installed device | IP 50 |
| Dimensions | 35 x 40 x 13.5 |
| Part Code: | T3SP1/1.5/3.0/230S |

Dimensions in mm



Revision: vPD2, 19/12/16
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.

