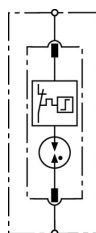


DGP C S (952 030)

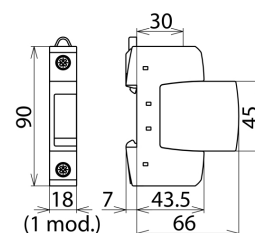
- Specifically designed for use in "3+1" and "1+1" circuits of TT systems according to IEC 60364-5-53 between neutral conductor N and protective conductor PE
- High discharge capacity
- Two-part surge arrester consisting of a base part and plug-in spark-gap based protection module



Figure without obligation



Basic circuit diagram DGP C S



Dimension drawing DGP C S

N-PE surge arrester; FM version with floating remote signalling contact.

| Type | DGP C S |
|--|---|
| Part No. | 952 030 |
| SPD according to EN 61643-11 / IEC 61643-11 | type 2 / class II |
| Energy coordination with terminal equipment (≤ 10 m) | type 2 + type 3 |
| Max. continuous operating voltage (a.c.) (U_c) | 255V (50 / 60 Hz) |
| Nominal discharge current (8/20 μ s) (I_n) | 20 kA |
| Max. discharge current (8/20 μ s) (I_{max}) | 40 kA |
| Follow current extinguishing capability (I_f) | 100 A _{rms} |
| Lightning impulse current (10/350 μ s) (I_{imp}) | 12 kA |
| Voltage protection level (U_p) | ≤ 1.5 kV |
| Response time (t_A) | ≤ 100 ns |
| Temporary overvoltage (TOV) (U_T) – Characteristic | 1200 V / 200 ms – withstand |
| Operating temperature range (T_U) | -40 °C ... +80 °C |
| Operating state / fault indication | green / red |
| Number of ports | 1 |
| Cross-sectional area (min.) | 1.5 mm ² solid / flexible |
| Cross-sectional area (max.) | 35 mm ² stranded / 25 mm ² flexible |
| For mounting on | 35 mm DIN rails acc. to EN 60715 |
| Enclosure material | thermoplastic, red, UL 94 V-0 |
| Place of installation | indoor installation |
| Degree of protection | IP 20 |
| Capacity | 1 module(s), DIN 43880 |
| Approvals | KEMA, VDE, UL |

Arrester use at 16.7 Hz – traction power supply systems

| Type | DGP C S |
|---|---------------|
| Part No. | 952 030 |
| – Test voltage AC (U_c) | 255 V |
| – Nominal frequency AC (f_N) | 16.7 Hz |
| Weight | 111 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |
| GTIN | 4013364108530 |
| PU | 1 pc(s) |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.