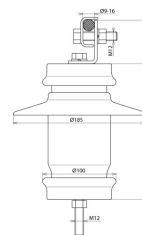


DTR 1.2 10 3 (990 301)



Figure without obligation



Dimension drawing DTR 1.2 10 3

Type Part No.	DTR 1.2 10 3 990 301
Nominal discharge current (8/20 μ s) (I_n)	10 kA
High current impulse (4/10 μ s)	100 kA
Long duration current impulse	1000 A / 2000 μ s
Line discharge class	4 (10 kJ/kV _{Ur})
Rated voltage (d.c.) (U_r)	1.2 kV
Continuous operating voltage (d.c.) (MCOV) (U_c)	1.0 kV
Residual voltage at 10 kA (1/2 μ s) (\hat{u}_{res})	2.9 kV
Residual voltage at 5 kA (8/20 μ s) (\hat{u}_{res})	2.5 kV
Residual voltage at 10 kA (8/20 μ s) (\hat{u}_{res})	2.6 kV
Residual voltage at 20 kA (8/20 μ s) (\hat{u}_{res})	2.9 kV
Residual voltage at 250 A (30/70 μ s) (\hat{u}_{res})	2.1 kV
Residual voltage at 500 A (30/70 μ s) (\hat{u}_{res})	2,2 kV
Residual voltage at 1000 A (30/70 μ s) (\hat{u}_{res})	2.3 kV
Insulation of arrester housing / nominal power frequency withstand voltage (wet) (U_{PFWL})	≥ 40 kV
Insulation of arrester housing / nominal switching withstand voltage (wet) (U_{SIWL})	≥ 50 kV
Height (h)	173 mm
Weight (M)	3 kg
Creepage distance (+/- 5%)	230 mm
Mechanical shock resistance acc. to IEC 68 Part 2-29	15 g
Vibration resistance acc. to IEC 68 Part 2-6	3 g (10-500 Hz)
Ambient temperature (T_A)	-40 °C ... +55 °C
Housing material	silicone
Colour	grey, RAL 7040
Fittings	Al cast alloy
Connections	stainless steel terminals and screws
Weight	3 kg
Customs tariff number (Comb. Nomenclature EU)	85354000
GTIN	4013364103085
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.