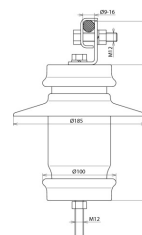


## DTR 1.2 10 3 (990 301)



Figure without obligation



Dimension drawing DTR 1.2 10 3

Type	DTR 1.2 10 3
Part No.	990 301
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	10 kA
High current impulse (4/10 $\mu$ s)	100 kA
Long duration current impulse	1000 A / 2000 $\mu$ 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 $\mu$ s) ( $\hat{u}_{res}$ )	2.9 kV
Residual voltage at 5 kA (8/20 $\mu$ s) ( $\hat{u}_{res}$ )	2.5 kV
Residual voltage at 10 kA (8/20 $\mu$ s) ( $\hat{u}_{res}$ )	2.6 kV
Residual voltage at 20 kA (8/20 $\mu$ s) ( $\hat{u}_{res}$ )	2.9 kV
Residual voltage at 250 A (30/70 $\mu$ s) ( $\hat{u}_{res}$ )	2.1 kV
Residual voltage at 500 A (30/70 $\mu$ s) ( $\hat{u}_{res}$ )	2,2 kV
Residual voltage at 1000 A (30/70 $\mu$ s) ( $\hat{u}_{res}$ )	2.3 kV
Insulation of arrester housing / nominal power frequency withstand voltage (wet) ( $U_{PFWL}$ )	$\geq 40$ kV
Insulation of arrester housing / nominal switching withstand voltage (wet) ( $U_{SIWL}$ )	$\geq 50$ 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.