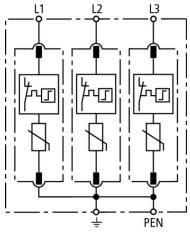
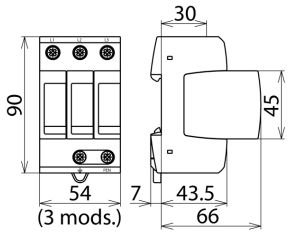
DG M WE 600 (952 302)

- Prewired complete unit consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy-duty zinc oxide varistors / spark gaps
- High reliability due to "Thermo Dynamic Control" SPD monitoring device

Figure without obligation



Basic circuit diagram DG M WE 600



Dimension drawing DG M WE 600

Modular three-pole surge arrester for use in wind turbines with a rated varistor voltage U_{mov} = 750 V a.c.; FM version with floating remote signalling contact.

Type Part No.	DG M WE 600 952 302
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Energy coordination with terminal equipment (≤ 10 m)	type 2 + type 3
Nominal voltage (a.c.) (U_N)	480 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) (U_C)	600 V (50 / 60 Hz)
Rated varistor voltage (U_{mov})	750 V
Nominal discharge current (8/20 µs) (I_n)	15 kA
Max. discharge current (8/20 µs) (I_{max})	25 kA
Voltage protection level (U_P)	≤ 3 kV
Voltage protection level at 5 kA (U_P)	≤ 2.5 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	100 A gG
Short-circuit withstand capability for max. mains-side overcurrent protection (I_{SCCR})	25 kA_{rms}
Temporary overvoltage (TOV) (U_T) – Characteristic	900 V / 5 sec. – withstand
Temporary overvoltage (TOV) (U_T) – Characteristic	915 V / 120 min. – safe failure
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	3 module(s), DIN 43880
Approvals	KEMA, UL
Weight	386 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364113305
PU	1 pc(s)