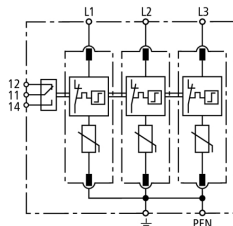


## DG M WE 600 FM (952 307)

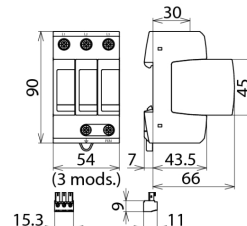
- Prewired complete unit consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy-duty zinc oxide varistors / spark gaps
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram DG M WE 600 FM



Dimension drawing DG M WE 600 FM

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

Type Part No.	DG M WE 600 FM 952 307
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
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 $\mu\text{s}$ ) ( $I_n$ )	15 kA
Max. discharge current (8/20 $\mu\text{s}$ ) ( $I_{max}$ )	25 kA
Voltage protection level ( $U_P$ )	$\leq 3 \text{ kV}$
Voltage protection level at 5 kA ( $U_{P5}$ )	$\leq 2.5 \text{ kV}$
Response time ( $t_A$ )	$\leq 25 \text{ ns}$
Max. mains-side overcurrent protection	100 A gG
Short-circuit withstand capability for max. mains-side overcurrent protection ( $I_{SCCR}$ )	25 kA <sub>rms</sub>
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 <sup>2</sup> solid / flexible
Cross-sectional area (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> 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
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm <sup>2</sup> solid / flexible
Weight	388 g
Customs tariff number	85363030
GTIN	4013364131484
PU	16 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.