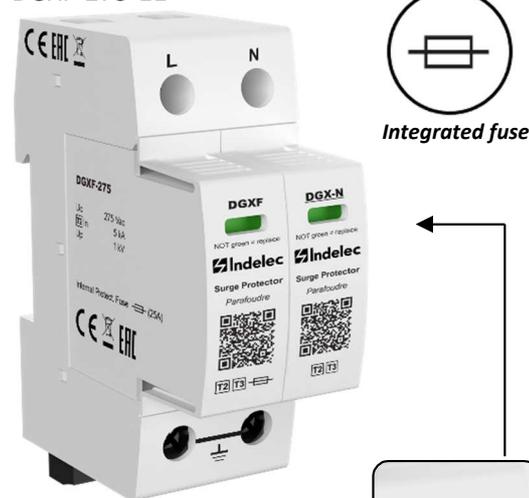


Type 2 (or 3) SPD with integrated fuse DGXF-275 (C2)

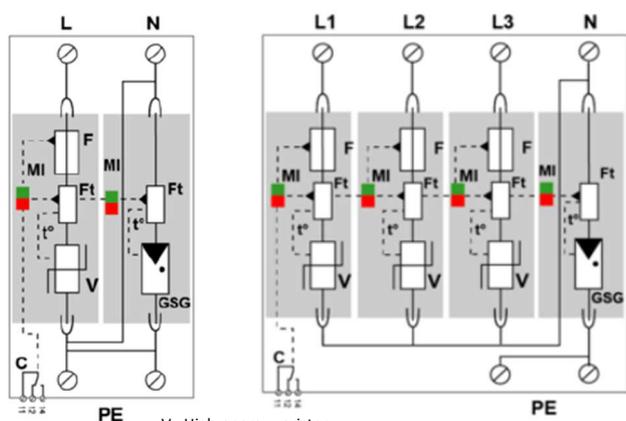
Designation	DGXF-275-11	DGXF-275-31
Part number	P8349	P8350
Electrical Characteristics		
SPD type		2 (or 3)
Technology		MOV+GSG
SPD configuration	Single phase	3 Ph + N
Connection mode	C2 (1+1)	C2 (3+1)
Neutral configuration		TT - TNS
Max. AC operating system	U_C	275 Vac
Temporary Over Voltage (TOV) 5sec	U_T	335 Vac withstand
Temporary Over Voltage (TOV) 120 mn	U_T	440 Vac disconnection
Residual Current - Leakage current to Ground	I_{pe}	none
Follow current	I_f	none
Nominal discharge current 15 x 8/20µs impulses	I_n	5 kA
Max. discharge current		15 kA
Max. withstand @ 8/20µs	I_{max}	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	U_{oc}	10 kV
Protection level @ I_n (8/20µs)	$U_{pL/N}$	1 kV
Protection level N/PE @ I_n (8/20µs)	$U_{pN/PE}$	1,5 kV
Admissible short-circuit current	I_{scsr}	100 000 A
Associated disconnectors		
Thermal disconnector		Interne
Fuses		Internal (equivalent AC rating : 25 A, gG Type)
Installation ground fault breaker		Type "S" or delayed
Mechanical Characteristics		
Connection to Network		By screw: 2.5-25mm ² (35mm ² rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T_u	-40°C / +85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		Mechanical Indicator
Spare module(s)		yes
Remote signaling of disconnection		Output on changeover contact
Dimensions EN43880 (see diagram in mm)	2TE	4TE
Standards compliance	IEC 61643-11 / NF EN 61643-11	

DGXF-275-11

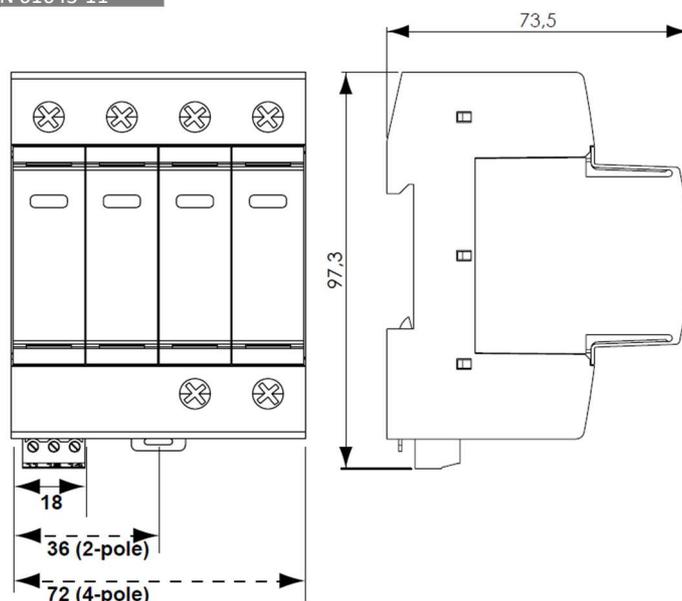


N/PE Module

DGXF-275-31



V : High-energy varistor
 GSG : Specific gas tube
 F : Integrated fuse
 Ft : Thermal fuse
 C : Remote signaling contact
 t* : Thermal disconnection system
 Mi : Disconnection indicator



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