

Type 1 + 2 SPD N – PE DE

Designation

Part number

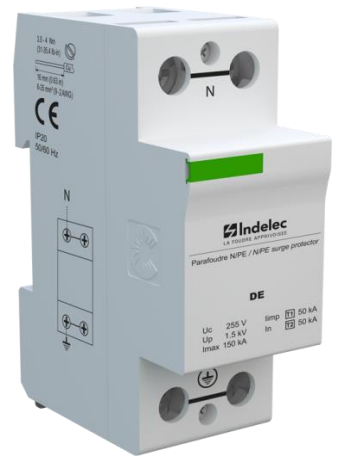
Electrical characteristics

Technology	
Number of pole	
Network nominal voltage	
Connection mode	
Neutral configuration	
Max. AC operating system	U_c
Temporary Over Voltage (TOV)	UT
Temporary Over Voltage (TOV)	UT
Temporary Over Voltage (TOV HT)	UT
Leakage current	I_{pe}
Follow current	I_f
Max surge Impulse current by pole	I_{imp}
<i>Max. withstand 10/350μs</i>	
Nominal discharge current	I_n
<i>15 x 8/20μs impulses</i>	
Max. discharge current	I_{max}
<i>Max. withstand @ 8/20μs</i>	
Protection level (@In)	U_p
Admissible short-circuit current	I_{sccr}

DE

P8318H

Specific gas discharge tube
One pole (1)
230v/400v
N-PE C2 mode
TT – TNS
255 Vac
335 Vac/5 s withstand
440 Vac/120mn withstand
1200V / 300 A / 200 ms withstand
None
Yes
50 kA
50 kA
150 kV
<1.5kV
100 000 A



Associated disconnectors

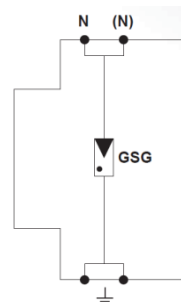
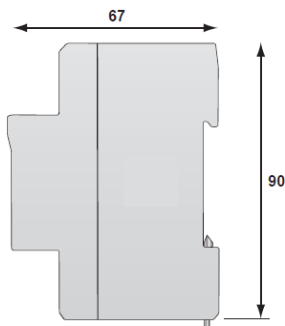
Thermal disconnector	External
Installation ground fault breaker	Type "S" or delayed

Mechanical characteristics

Connection	by screw :6 – 35 mm ² / by bus
Mounting	DIN rail 35mm
Operating temperature	-40°C /+85°C
Ingress Protection	IP20

Standards compliance

IEC 61 643-1 (international) Low voltage SPD – test class I and II
 EN 61 643-11 (Europe) Low voltage SPD – test class I and II
 NF EN 61 643-11 / UL1449 ed.4



GSG : Spark Gap