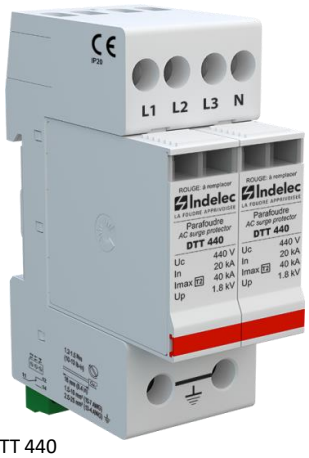
Type 2 SPD
DMT , DTT 440

Designation		**DMT 440**	**DTT 440**
Part number		**P8322H**	**P8323H**
Electrical characteristics			
Technology		MOV	MOV
Number of pole		2 poles (Ph+N)	4 poles-(3Ph + N)
Network nominal voltage		230v	230/400v
Protection mode		C1	C1
Neutral configuration		IT - TN	IT - TN
Max. AC operating system	U_C	440Vac	440 Vac
Temporary Over Voltage (TOV) 5 sec	U_T	580 Vac / withstand	
Temporary Over Voltage (TOV) 120 mn	U_T	770 Vac / disconnection	
Leakage current	I_{pe}	<1 ma	<1 ma
Nominal discharge current	I_n	20kA	20KA
15 x 8/20µs impulses			
Max. discharge current	I_{max} total	80kA	160kA
Max. withstand @ 8/20µs			
Max. discharge current	I_{max}	40KA	40KA
Max. withstand @ 8/20µs			
Protection level (@In)	U_p	1.8kV	1.8 kv
Admissible short-circuit current	I_{sccr}	10 000 A	10 000 A

DMT 440

Associated disconnectors

Thermal disconnector	internal
Fuses	Fuses type gG – 50 A max.
Installation ground fault breaker	Type “S” or delayed



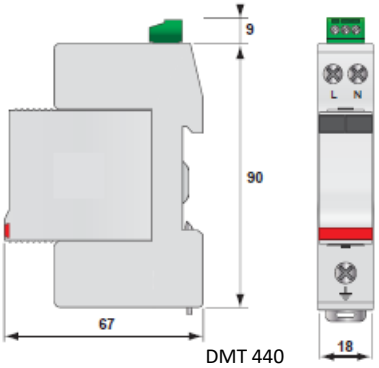
DTT 440

Mechanical characteristics

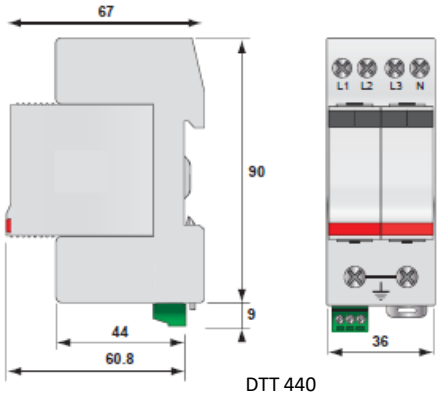
Connection	by screw :1.5-10mm² (L /N), 2.5-25 mm² (PE)
Disconnection indicator	mechanical indicator
Remote signaling of disconnection	output on changeover contact
Mounting	DIN rail 35mm
Operating temperature	-40°C /+85°C
Ingress Protection	IP20

Standards compliance

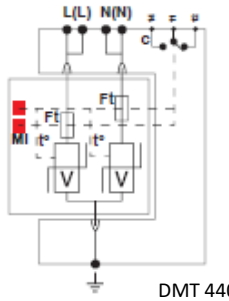
IEC 61 643-1 (international) Low voltage SPD – test class I and II
EN 61 643-11 (Europe) Low voltage SPD – test class I and II
NF EN 61 643-11 / UL1449 ed.4



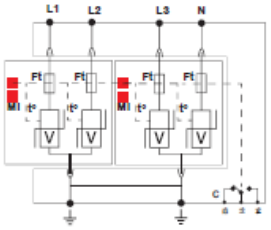
DMT 440



DTT 440



DMT 440



DTT 440

V : High energy MOV
MI : Disconnection indicator
Ft : Thermal fuse
t°: Thermal disconnection mechanism
C : Contact for remote signaling

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