

Type 2 SPD

DMX , DTX 440

Designation Part number

Electrical characteristics

		DMX 440 P8324H	DTX 440 P8325H
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	335 Vac	580 Vac / withstand
Temporary Over Voltage (TOV) 120 mn	U_T	440 Vac	770 Vac / disconnection
Leakage current	I_{pe}	<1 ma	<1 ma
Nominal discharge current	I_n	5 KA	5 KA
<i>15 x 8/20µs impulses</i>			
Max. discharge current	I_{max} total	30 KA	60 KA
<i>Max. withstand @ 8/20µs</i>			
Max. discharge current	I_{max}	15 KA	15 KA
<i>Max. withstand @ 8/20µs</i>			
Protection level (@In)	U_p	1.3kV	1.3 kv
Admissible short-circuit current	I_{sccr}	10 000 A	10 000 A

Associated disconnectors

Thermal disconnector	internal
Fuses	Fuses type gG – 20 A max.
Installation ground fault breaker	Type "S" or delayed

Mechanical characteristics

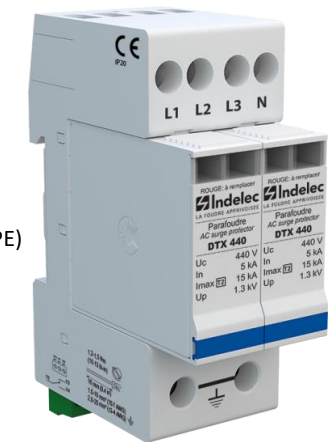
Connection	by screw :1.5-10mm ² (L /N), 2.5-25 mm ² (PE)
Disconnection indicator	mechanical indicator
Remote signaling of disconnection	output on changeover contact
Mounting	DIN rail 35mm
Operating temperature	-40°C/+85°C
Ingress Protection	IP20

Standards compliance

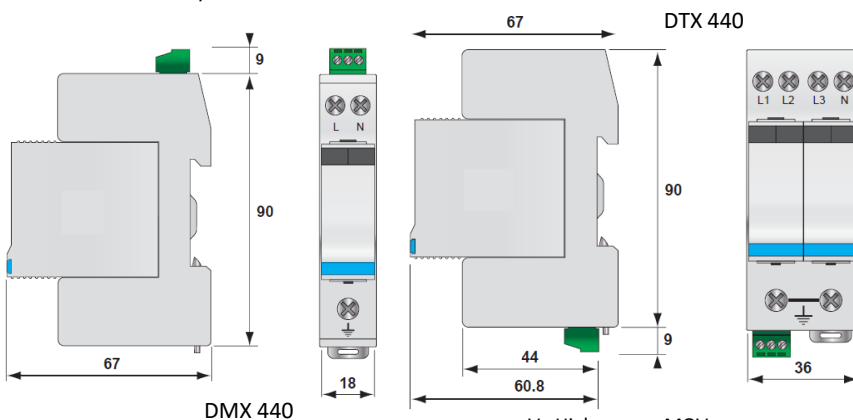
IEC 61 643-1 (international) Low voltage SPD – test class I and II
 EN 61 643-11 (Europe) Low voltage SPD – test class I and II
 NF EN 61 643-11 / UL1449 ed.4



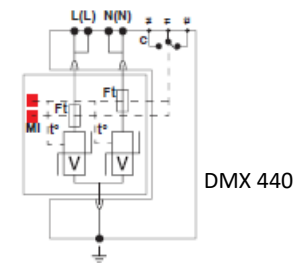
DMX 440



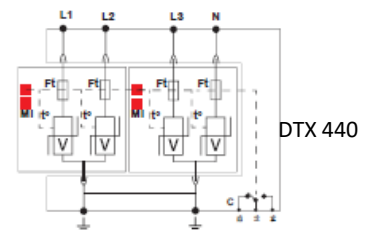
DTX 440



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



DMX 440



DTX 440

