Type 1 + 2 SPD
DTR 440 – 3 Phases + N

Designation		**DTR 440**
Part number		**P8330H**
Electrical characteristics		
Technology		MOV
Number of pole		4 poles – 3 Ph+N
Network nominal voltage		230v
Protection mode		C1
Neutral configuration		IT – TNS
Max. AC operating system	U_C	440 Vac
Temporary Over Voltage (TOV)	UT	580 Vac/5 s withstand
Temporary Over Voltage (TOV)	UT	770 Vac/120mn disconnection
Leakage current	I_{pe}	< 1 mA
Follow current	I_f	None
Impulse current by pole	I_{imp}	12.5 kA
Max. withstand 10/350µs		
Nominal discharge current	I_n	12.5 kA
15 x 8/20µs impulses		
Max. discharge current	I_{max} total	200kA
Max. withstand @ 8/20µs		
Max. discharge current	I_{max}	50 kA
Max. withstand @ 8/20µs		
Protection level (@In)	U_p	1.3kV
Admissible short-circuit current	I_{sccr}	25 000 A

Associated disconnectors

Thermal disconnector	internal
Fuses	Fuses type gG – 125 A max.
Installation ground fault breaker	Type "S" or delayed

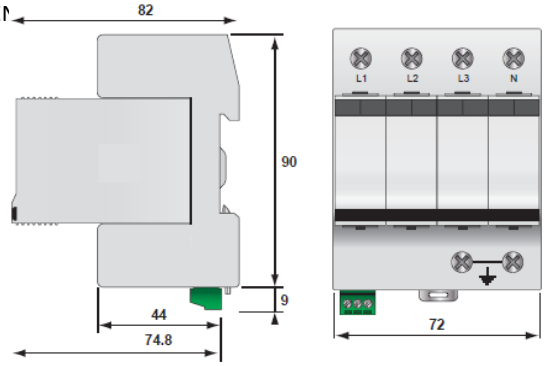
Mechanical characteristics

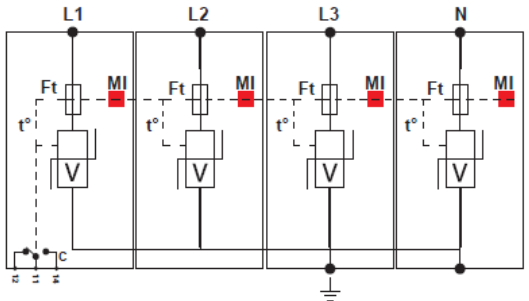
Connection	by screw :4-25mm² / by bus
Disconnection indicator	mechanical indicator
Remote signaling of disconnection	output on changeover contact
Mounting	DIN rail 35mm
Operating temperature	-40°C /+85°C
Ingress Protection	IP20

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

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





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