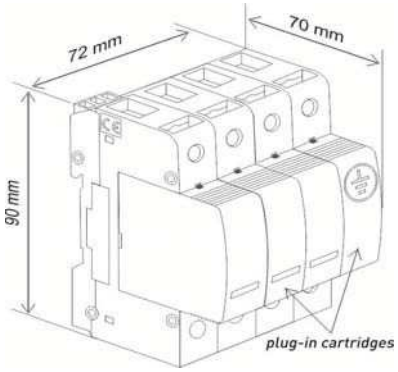
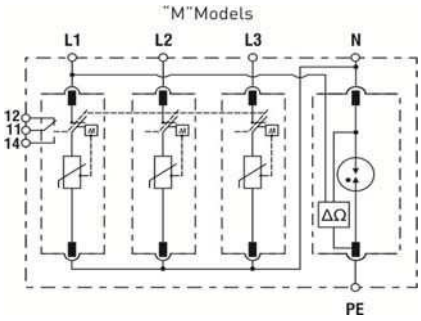
STPT2-40K275V-4P-TE (-M)

Data Sheet





Dimensions



Internal configuration

Catalog number Reference number		STPT2-40K275V-4P-TE 83020185	STPT2-40K275V-4P-TE-M 83020186
Remote indication		No	Yes
Designation according to EN 61643-11		Type 2	
Designation according to IEC 61643-11		Class II	
Nominal voltage AC 50-60 Hz	Un [V]	230/400	
Maximum continuous operating voltage (L-N)	Uc (L-N) [V]	275	
Maximum continuous operating voltage (N-PE)	Uc (N-PE) [V]	265	
Maximum discharge current (8/20) (L-N)	Imax (L-N) [kA]	40	
Nominal discharge current (8/20) (L-N)	In (L-N) [kA]	20	
Voltage protection level (L-N) at In	Up (L-N) [kV]	≤ 1,3	
Voltage protection level (N-PE) at In	Up (N-PE) [kV]	≤ 1,5	
Maximum back-up fuse	A [gL]	125	
Short circuit withstand	Icc [kA]	25	
Response time (L-N)	tA (L-N) [ns]	25	
Response time (N-PE)	tA (N-PE) [ns]	100	
Following current (N-PE)	Ifi [A]	100	
Visual end of life indication		Yes	
Dynamic thermal disconnection (L-N)		Yes	
Insulating material & flammability class		PA66 CT1; V-0	
Enclosure		IP 20	

STPT2-40K275V-4P-TE (-M)

Data Sheet

SAFEground®			
Catalog number		**STPT2-40K275V-4P-TE**	**STPT2-40K275V-4P-TE-M**
Reference number		**83020185**	**83020186**
Product standarts		EN 61643-11 ; EN 61557-3 ; EN 61010:1	
Power consumption	[VA]	1,6	
Operating Temperature	[°C]	-30...+80	
System leakage capacitance (N-PE)	Ce [µF]	≤1	
Steady green indication		Surge protection has maximum effectiveness	
Steady yellow indication		Surge protection without maximum effectiveness	
Steady red indication		Surge protection is ineffective	
Flashing red indication		Open earth	
Flashing yellow indication		Wrong (L-N) wiring	
Flashing red/green indication		Permanent overvoltage >275 V	
Flashing green/yellow indication		Permanent undervoltage <195 V	
Flashing yellow/red indication		High voltage (N-PE)	