

STPT12-5K1000V-5Y2PVM

83120206



Surge Protection Device Type 1+2, 5kA Iimp (10/350), Y PV, 1000Vdc, Photovoltaic, 5 Poles (2L+, 1PE, 2L-), Pluggable, 5 Modules, remote indication.



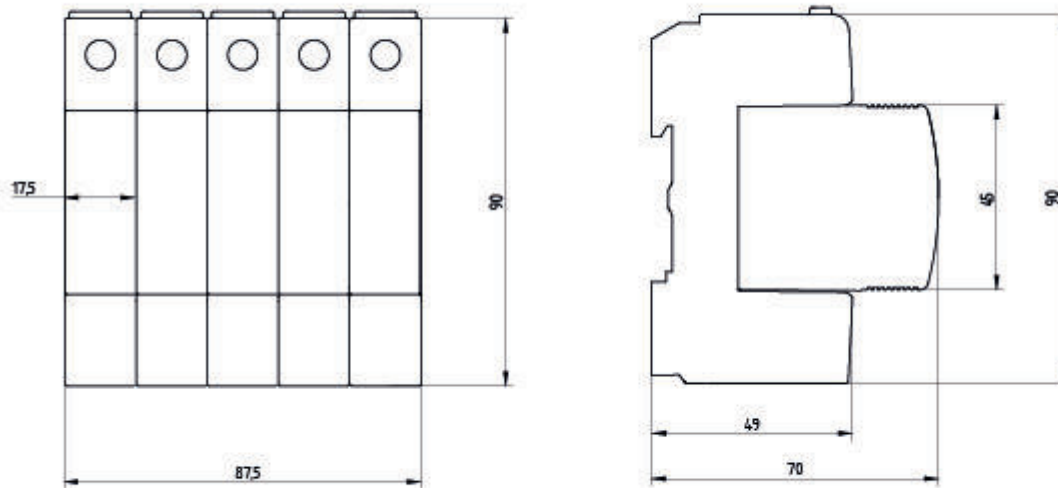
Indicative product image

Technical Data		Value	Units
Commercial data			
Code		83120206	
Part Number		STPT12-5K1000V-5Y2PVM	
Status		Available	
Tariff code (HS)		8536.30.90	
Country of origin		Spain	
Dimensions			
Product height		90	[mm]
Product width		87,5	[mm]
Product length		70	[mm]
Product weight		603	[gr]
General data			
Internal configuration		YPV	
No. poles		5	
No. DIN rail modules		5	
Installation		(L+/L-)	
Format		Pluggable	
Network configuration		PV MPPT	
Product standards		IEC 61643-31; EN 50539-11; UTE C 61-740-51	
Certifications		CE; RoHs	
Designation according to EN 50539-11		PV Type 1+2	
Insulating material & flammability class		PA66 CT1; V-0	
Enclosure		IP 20	

Technical Data		Value	Units
Temperature range		-40 °C ... +85 °C	
Technical features			
Maximum continuous operating voltage DC	Ucpv	1060	[V]
Lightning impulse current (10/350)	Iimp	5	[kA]
Maximum discharge current (8/20)	I _{max}	40	[kA]
Voltage protection level (L-L) at I _n	U _p (L-L)	4,0	[kV]
Voltage protection level (L-PE) at I _n	U _p (L-PE)	4,0	[kV]
Short circuit withstand	I _{scpv}	10000	[A]
Response Time	t _A	25	[ns]
Remote indication		Yes	
Visual end of life indication		Yes	
Dynamic thermal disconnection		Yes	
Accessories			
Pluggable cartridge 1		83120011	
Pluggable cartridge description 1		SP12-5K1000V-PV	

Wiring diagrams

Dimensions



Internal configuration

