

Technical Data		Value	Units
Commercial data			
Code		77707852	
Part Number		PSM3-40/1000 PV	
Status		Available	
EAN		8435297826637	
Tariff code (HS)		8536.30.90	
Dimensions			
Product height		90	[mm]
Product width		54	[mm]
Product length		70	[mm]
Product weight		344	[gr]
General data			
Internal configuration		Y	
No. poles		3	
No. DIN rail modules		3	
Installation		(L+/PE/L-)	
Format		Pluggable	
Network configuration		PV	
Product standards		EN 50539-11	
Certifications		CE; UL+C 1449 4th Edition	
Designation according to EN 50539-11		PV Type 2	
Insulating material & flammability class		PA6 CT1; V-0	
Enclosure		IP 20	
Temperature range		-40 °C ... +85 °C	
Technical features			
Supply voltage		1000 [Vdc]	
Maximum continuous operating voltage DC	Ucpv	1060	[V]
Maximum discharge current (8/20) (L-L)	Imax (L-L)	40	[kA]
Nominal discharge current (8/20) (L-L)	In (L-L)	20	[kA]
Nominal discharge current (8/20)	In	20	[kA]
Voltage protection level (L-L) at In	Up (L-L)	≤ 4,0	[kV]
Short circuit withstand	Iscpv	10000	[A]
Response time (L-L)	tA (L-L)	25	[ns]
Remote indication		No	
Visual end of life indication		Yes	
Dynamic thermal disconnection (L-L)		Yes	
UL Technical features			

File UL		E360120	
SPD UL Type		2CA	
Maximum continuous operating voltage (DC+-DC-)	MCOV (DC+-DC-)	1000	[V]
Maximum continuous operating voltage (DC+ -G)	MCOV (DC+ -G)	1000	[V]
Maximum continuous operating voltage (DC- - G)	MCOV (DC- - G)	1000	[V]
Nominal discharge current (UL)	In	20	[kA]
Voltage protection rating (DC+ - DC-)	VPR (DC+ - DC-)	3000	[V]
Voltage protection rating (DC+ - PE)	VPR (DC+ - G)	3000	[V]
Voltage protection rating (DC- - PE)	VPR (DC- - G)	3000	[V]
Short circuit current rating	SCCR	50	[kA]