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TECHNICAL FEATURES	S800PV-S		S800PV-M	
Characteristics available	PV-S		-	
Max. rated continuous current I_n	[A]	10...125	32, 63, 125	
Poles		2...4	2...4	
Rated operating voltage U_e			-	
(AC) 50/60Hz	[V]		400 ①	
(DC)/pole	[V]			
(DC)/2 pole	[V]	10...80 A	100, 125 A	32, 63, 125 A
(DC)/3 pole	[V]	800	600	800
(DC)/4 pole	[V]	1200	1000	1200
Rated insulation voltage U_i	[V]	1200	1200	1200
Rated impulse withstand voltage U_{imp}	[kV]			1500
Ultimate short-circuit breaking capacity I_{cu} in accordance with IEC 60947-2				8
(DC) 800V (2-pole)	[kA]	5		-
(DC) 1200V (3-pole)	[kA]	5		-
(DC) 1200V (4-pole)	[kA]	5		-
Service short-circuit breaking capacity I_{cs} in accordance with IEC 60947-2				
(DC) 800V (2-pole)	[kA]	5		-
(DC) 1200V (3-pole)	[kA]	5		-
(DC) 1200V (4-pole)	[kA]	5		-
Rated short-time withstand current I_{cw} in accordance with IEC 60947-3				
(DC) 800V (2-pole)	[kA]	-		1.5
(DC) 1200V (3-pole)	[kA]	-		1.5
(DC) 1200V (4-pole)	[kA]	-		1.5
Rated short-circuit making capacity I_{cm} in accordance with IEC 60947-3				
(DC) 800V (2-pole)	[kA]	-		0.5
(DC) 1200V (3-pole)	[kA]	-		0.5
(DC) 1200V (4-pole)	[kA]	-		0.5
Mounting position				any
Disconnecter properties according to IEC 60947-2				yes
Standards		IEC 60947-2		IEC 60947-3
Connections CU (10...125A)	[mm ²]		1...50 strand 1...70 cable	
Tightening torque	[Nm]		min. 3 / max. 4	
DC supply				any
Mounting on DIN top hat rail				EN 60715
Permissible ambient temperature for operations	[°C]			-25...+60
Storage temperature	[°C]			-40...+70
Type of protection				IP20
				IP40 (only actuation side)
Resistance to vibration		IEC 60068-2-6;		EN 61373 Cat. 1/Class B
Utilisation category		A		DC-21A
Pollution degree			2	
Overvoltage category			III	

① 4-pole 1200VDC