

		SPN801 / SPN801R	SPN802 / SPN802R
Tested to		EN 61643-11 (VDE0675-6-11) 2002-12	EN 61643-11 (VDE0675-6-11) 2002-12
		L1/L2/L3/N => PE	L1/L2/L3 => N N => PE
SPD type / class		Type 1 + Type 2 / I / B	
Type of connection		Parallel connection	
Type of power supply system		TN-S - System	TT - System
Type of protection		Common modes	Common and differential modes
Nominal voltage	U_N	230V / 400V ac	
Rated voltage	U_C	255V ac	
Voltage protection level	U_P	$\leq 1.5kV$	255V ac
TOV-voltage	U_T	440V / 5s	1200V / 200ms
Rated load current	$I(L)$	315A	
	$I(L-L)$	125A	
Follow current interrupting rating	I_{fi}	50 kA	100kA
Nominal discharge current (8/20)	I_n	100kA	25kA 100kA
Impulse current (10/350)	I_{imp}	100kA	25kA 100kA
Residual current	I_{PE}	$\leq 100mA$	
Max. rating of overcurrent protection	fuse	125A gL / gG serial or 315A parallel	
	MCCB	125A serial or 160A parallel	
Short-circuit withstand capability with max. overcurrent protection	fuse	50kA ac	25kA ac
	MCCB	50kA ac	25kA ac
Response time	t_A	$< 100ns$	
Operating temperature range		- 40°C+ 60°C	
Indication of SPD disconnector		Green - red on L1, L2, L3, N	
Cross sectional area	min	10mm ² solid / flexible	
L1, L2, L3, PE	max	50mm ² multi-stranded / 35mm ² flexible	
Tightening torque for terminals		7.0 Nm	
Mounting on		35mm DIN rail in accordance with EN 60715	
Enclosure material		grey thermoplastic, UL 94V-0	
Degree of protection		IP20	
Modular width		8	8
Weight		1260 g	1272 g
Approval marking		VDE	