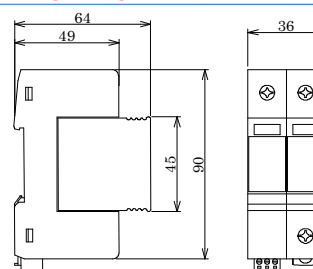


OTOWA Power line Type2 SPD LSK-N for TN system
Modular SPD for use in single-phase TN systems; with floating remote signalling contact.


Basic Circuit Diagram



Dimension drawing

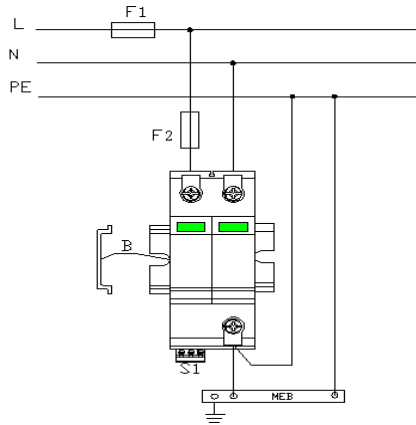
- Prewired complete unit consisting of a base part and plug-in protection modules.
- High discharge capacity due to heavy duty zinc oxide varistors.
- Easy to replace the protection modules without tools.

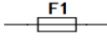

Type	LSK-N2720S	LSK-N3220S
SPD according to EN 61643-11/IEC 61643-11	Type2	
Nominal a.c. voltage (Un)	230V (50 / 60 Hz)	230V (50 / 60 Hz)
Max. continuous operating a.c. voltage (Uc)	275V (50 / 60 Hz)	320V (50 / 60 Hz)
Nominal discharge current (8/20 μs) (In)	20kA	
Max. discharge current (8/20 μs) (Imax)	40kA	
Voltage protection level (Up)	≤ 1.4kV	≤ 1.5kV
Response time (tA)	≤ 25ns	
Max. mains-side overcurrent protection	125 A gL/gG	
Short-circuit withstand capability for max. mains-side overcurrent protection (Iscrr)	25 kA rms	
Temporary overvoltage (TOV) (Ut) -Characteristic -withstand mode	335V / 5sec.	335V / 5sec.
Temporary overvoltage (TOV) (Ut) -Characteristic -safe failure mode	440V 120min.	440V 120min.
Operating temperature range (Tu)	-40°C ~ +70°C	
Operating state / fault indication	Green : Normal / Red : Failure	
Number of ports	1	
Cross-sectional area (min.)	1,5mm ² solid / flexible	
Cross-sectional area (max.)	35mm ² stranded / 25mm ² flexible	
For mounting on	35mm DIN rails acc. to EN 60715	
Enclosure material	thermoplastic, UL 94 V-0	
Place of installation	Indoor installations	
Degree of protection	IP 20	
Capacity	2 module(s)	
Approvals	TUV, CE	
Conformity to environment	Comply to RoHS requirement	
Type of remote signalling contact	changeover contact	
a.c. switching capacity	250V / 0,5A	
d.c. switching capacity	250V / 0,1A ; 125V / 0,2A ; 75V / 0,5A	
Cross-sectional area for remote signalling terminals	max. 1,5mm ² solid / flexible	

OTOWA Type2 SPD LSK-N Series



Connection



Backup Fuse		
		
> 125A gL/gG	➔	125A gL/gG
≤ 125A gL/gG	➔	F2

Other information



OTOWA web site



Instruction manual

Manufacturer



OTOWA ELECTRIC CO.,LTD.

5-6-20, Shioe, Amagasaki-city, Hyogo Pref. 〒661-0976, Japan

CONTACT US

<https://www.otowadenki.com>

Agency