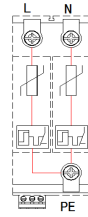
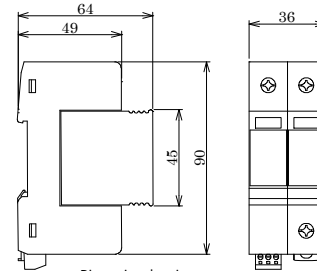


## OTOWA Power line Type2 SPD LSK-N for TN system

**Modular SPD for use in single-phase TN systems; with floating remote signalling contact.**



Basic Circuit Diagram



Dimension drawing

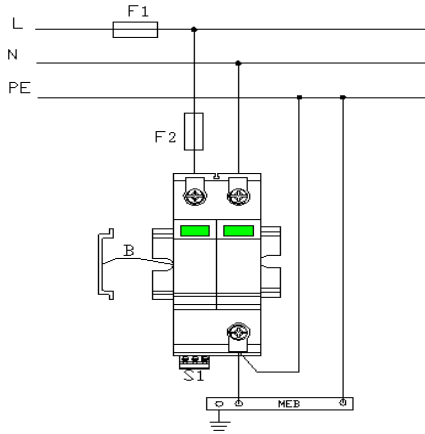
- Prewired complete unit consisting of a base part and plug-in protection modules.
- High discharge capacity due to heavy duty zinc oxide varistors.
- Easy to replace the protection modules without tools.

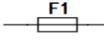



Type	LSK-N2720S	LSK-N3220S
SPD according to EN 61643-11/IEC 61643-11	Type2	
Nominal a.c. voltage (Un)	230V (50 / 60 Hz)	230V (50 / 60 Hz)
Max. continuous operating a.c. voltage (Uc)	275V (50 / 60 Hz)	320V (50 / 60 Hz)
Nominal discharge current (8/20 μs) (In)	20kA	
Max. discharge current (8/20 μs) (Imax)	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 (Iscsr)	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 ~ +85°C	
Operating state / fault indication	Green : Normal / Red : Failure	
Number of ports	1	
Cross-sectional area (min.)	1.5mm <sup>2</sup> solid / flexible	
Cross-sectional area (max.)	35mm <sup>2</sup> stranded / 25mm <sup>2</sup> 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 <sup>2</sup> solid / flexible	

# OTOWA Type2 SPD LSK-N Series



## Connection



Backup Fuse		
		
$> 125A \text{ gL/gG}$		$125A \text{ gL/gG}$
$\leq 125A \text{ gL/gG}$		<del><math>F2</math></del>

## 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