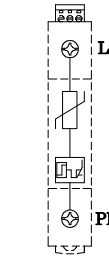
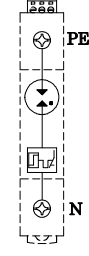


OTOWA Power line Type2 SPD LSK-S Series

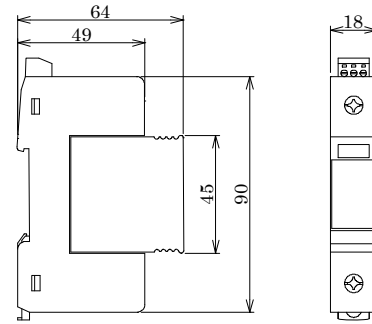
Pluggable single-pole SPD consisting of a base part and plug-in protection



Basic Circuit Diagram



Basic Circuit Diagram



Dimension drawing

LSK-SXXXXXS

- Multi-purpose SPD consisting of a base element and plug-in protection module.
- High discharge capacity due to heavy duty zinc oxide varistors.
- Operating state/fault indication by green/red indicator flag in the inspection window.
- Easy to replace the of protection modules without tools

LSK-SXXXXGS

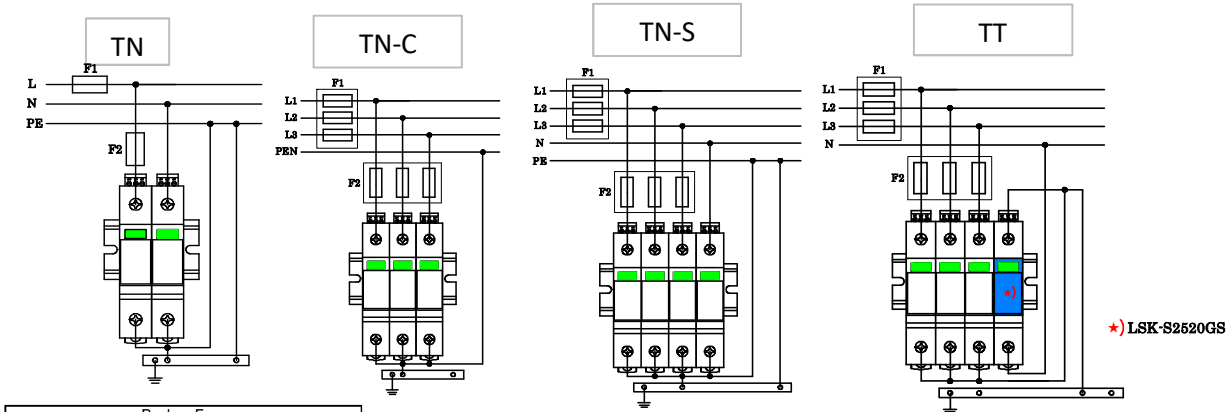
- Specifically designed for use in "3+1" and "1+1" circuits of TT systems according to IEC 60364-5-53 between neutral conductor N and protective conductor PE
- High discharge capacity
- EU RoHS Compliant with regulated substances

Type	LSK-S2720S	LSK-S3220S	LSK-S5120S	LSK-S2520GS
SPD according to EN 61643-11 /IEC 61643-11	Type2			
Nominal a.c. voltage (Un)	230V(50 / 60 Hz)	230V(50 / 60 Hz)	460V(50 / 60 Hz)	-
Max. continuous operating a.c. voltage (Uc)	275V (50 / 60 Hz)	320V (50 / 60 Hz)	510V (50 / 60 Hz)	255V (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	≤2.5kV	≤1.5kV
Response time (tA)	≤25ns			≤100ns
Max. mains-side overcurrent protection	125 A 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.	675V / 5sec.	1200V / 200ms
Temporary overvoltage (TOV) (Ut) -Characteristic -safe failure mode	440V 120min.	440V 120min.	880V 120min.	-
Operating temperature range (Tu)	-40°C ~ +85°C		-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	1 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-S Series



Connection



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

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