

BKS Series (Din-rail type)

Product description

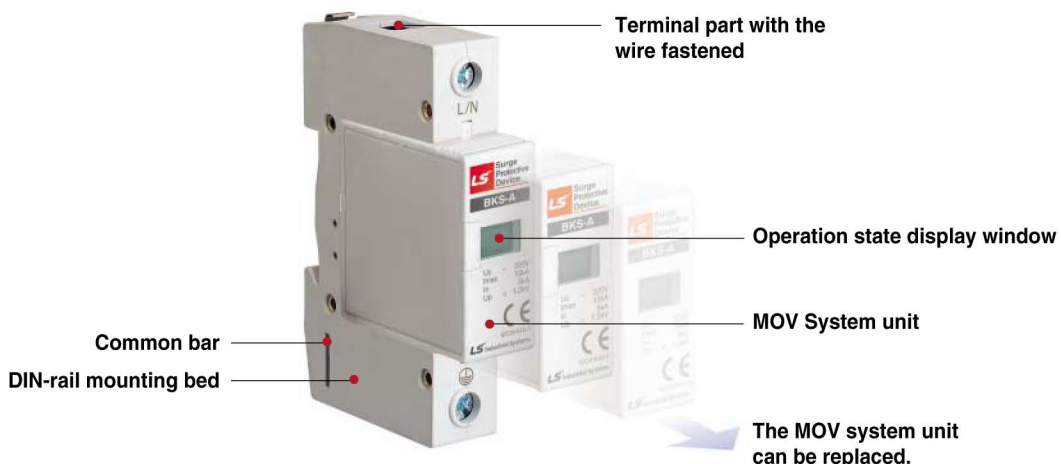
The BKS surge protective device is applied to the alternating current 50/60Hz power system and provides the protection from the surge overvoltage of an electric system. Moreover, it is the protection element (MOV) replacement type and is the product with convenience and economic efficiency. If the protective device is normal, the display becomes green. The display becomes red after operation (abnormal or after an accident).



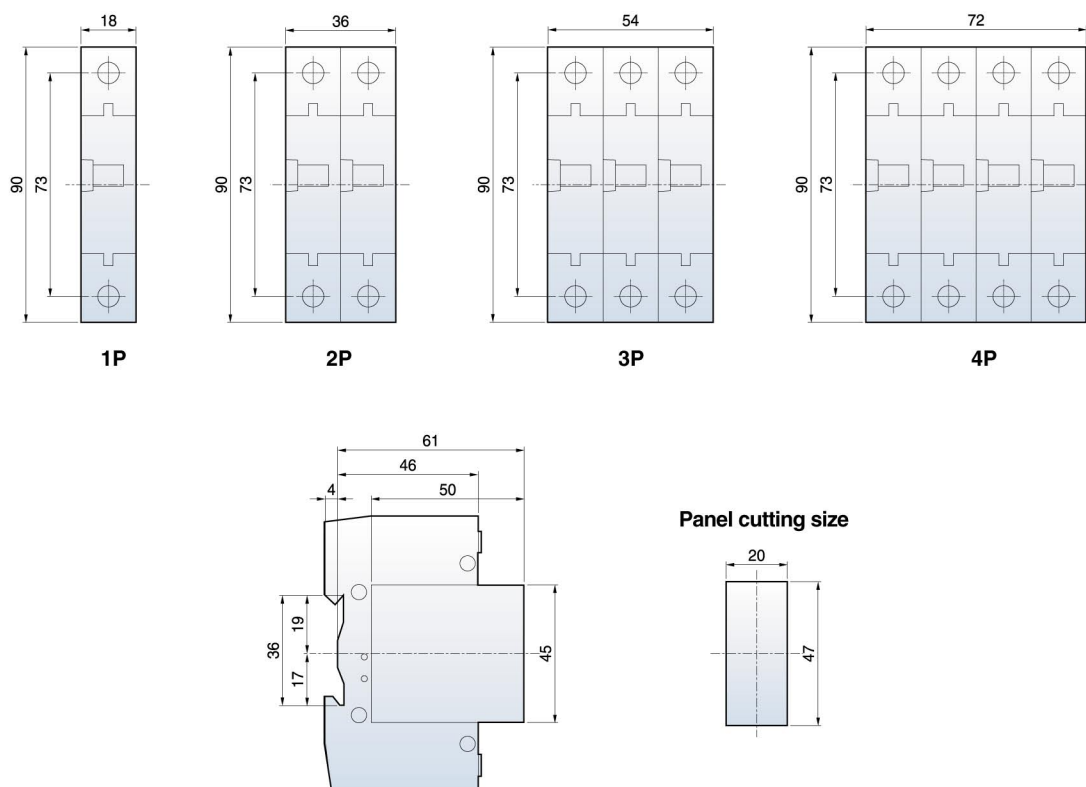
Product rating

	BKS-A	BKS-B	BKS-C	BKS-D	BKS-E
SPD according to IEC	Class III	Class III	Class II	Class II	Class II
Number of positions	1, 2, 3, 4				
Nominal voltage, U_n * AC [V]	220V	220V	220V	380V	380V
Max. continuous operating voltage, U_c AC [V]	320V	320V	320V	420V	460V
Voltage protection level, U_p [kV]	$\leq 1.2kV$	$\leq 1.2kV$	$\leq 1.5kV$	$\leq 2.0kV$	$\leq 2.5kV$
Nominal discharge current, I_n 8/20 μs [kA, per mode]	5kA	10kA	20kA	30kA	35kA
Maximum discharge current, I_{max} 8/20 μs [kA, per mode]	10kA	20kA	40kA	60kA	70kA
Response time, t_A [ns]	< 25ns				
Operating temperature range [°C]	-40 ~ +80 °C				
Operating frequency [Hz]	50 / 60 Hz				
Mounting on	Din-rail 35mm				
Conductor cross section [mm ²]	Line and neutral : 2.5mm ² , ground : 4mm ²				
Degree of protection	IP20				
Modes of protection	L-G, N-G				
Operation status indication	Normal operation : Green, Abnormal/After an accident : Red				

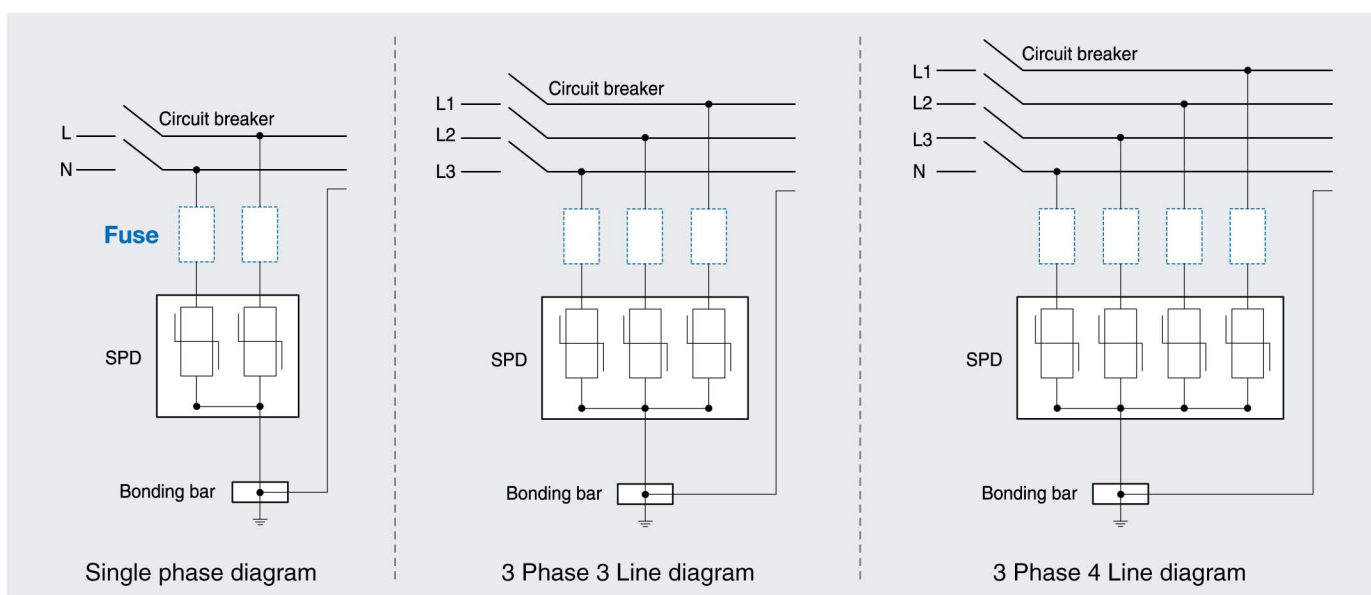
* applied voltage between line to ground (or line to neutral)



External dimension



Installation wiring method



* A separate fuse can be installed depending on the side conditions. (The fuse should be purchased separately is not supplied by LS.)