

SPD200K AND SPD300K SERIES

The SPD200K and SPD300K Series offers continuous protection from damaging voltage transients and electrical noise commonly found at the service entrance or distribution panel. The design allows for installation flexibility and the robust design allows for installation in the most severe exposure locations. They are capable of handling the high-impulse, potentially damaging transients commonly found at the service entrance or distribution panels.

APPLICATIONS

The SPD200K and SPD300K Series can be a facility-wide product family and may be installed from service entrances to distribution panels to branch panels.

- Industrial Plants
- Commercial Buildings
- Institutional Facilities
- Any facility that has an environment with electronics based equipment

FEATURES

- Surge current capacity of 200 to 300 kA per phase
- Metal, UL Listed /NEMA type 1/12/3R/4 enclosure standard
- Rotary disconnect and transient counter
- All modes transient protection (L-N, L-G, and N-G)
- Form C dry contacts and audible alarm status indications

For product information:

- Internal/external monitoring, including neutral to ground
- EMI/RFI Filtering
- Ten year limited warranty

SOLAHD www.solahd.com 1.800.377.4384

CERTIFICATIONS AND COMPLIANCES

- (UL) Listed
 - UL 1449, Type 1 locations
 - UL rated 200 kA with component level fusing for safe operations
 - UL Listed/NEMA 4 enclosure standard
- ANSI/IEEE C62.11, C62.41, C62.45 Categories A, B, and C3 tested
- Tested to Third Party Witness Tested (former NEMALS1), ISO 9001

RELATED PRODUCTS

- Power Conditioners
- Uninterruptible Power System
- Transformers
- STV25K, STV100K, STFV and STC Series

SPECIFICATIONS

Catalog Number	Dimensions D x W x H mm (in.)	Suggested Breaker Size	Suggested Wire Size (AWG)	Weight lbs (kg)	Allowable Breaker Range	Allowable Wire Range
SPD200K	152.4 x 304.8 x 304.8 (6.0 x 12.0 x 12.0)	40 A	#8	23 (10.4)	40–100 A	#8-1/0
SPD300K	152.4 x 304.8 x 304.8 (6.0 x 12.0 x 12.0)	40 A	#8	24 (11.79)	40-100 A	#8-1/0



CONSIDER IT SOLVED[®]

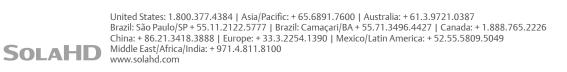
SPD200K SPECIFICATIONS

Catalog Number	SPD200K10YRC	SPD200K24DRC	SPD200K27YRC	SPD200K48DRC	SPD200K34YRC	SPD200K60DRC			
	208Y/120 V	240D V	480Y/277 V	480D V	600Y/347 V	600D V			
Input Voltage	3Ph Wye, 4 W + G	3Ph Delta, 3 W + G and HRG Wye	3Ph Wye, 4 W + G	3Ph Delta, 3 W + G and HRG Wye	3Ph Wye, 4 W + G	3Ph Delta, 3 W + G and HRG Wye			
Maximum Continuous Operating Voltage 125% of the nominal level for 120 V; 115% for all other voltages (MCOV)									
Line Frequency	47–63 Hz								
Response Time	< 0.5 nanoseconds								
Enclosure	Metal, UL Listed /NEMA type 1/12/3R/4 standard								
Mounting Type	Wall Mounted (mounting hardware ¼ in.)								
Connection	Internal Rotary Disconnect								
Status Indication	Red and green LED status indicators, audible alarm, summary alarm contacts, counter								
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)								
Operating Humidity	0% to 95% non-condensing								
Noise Attenuation	50 dB from 10 kHz to 100 MHz								
Modes of Protection	All Modes: L–N, L–L, L–G, N–G ①								
SCCR Rating	200 kAIC								
Nominal Discharge Current Rating (In)	20 kA								
Warranty	10 year limited warranty								

SPD300K SPECIFICATIONS

Catalog Number	SPD300K10YRC	SPD300K24DRC	SPD300K27YRC	SPD300K48DRC	SPD300K34YRC			
	120/208 V	240D V	480Y/277 V	480D V	600Y/347 V			
Input Voltage	3Ph Wye, 4 W + G	3Ph Delta, 3 W + G and HRG Wye	3Ph Wye, 4 W + G	3Ph Delta, 3 W + G and HRG Wye	3Ph Wye, 4 W + G			
Maximum Continuous Operating Voltage (MCOV)	125% of the nominal level for 120 V; 115% for all other voltages							
Line Frequency	47–63 Hz							
Response Time	< 0.5 nanoseconds							
Enclosure	Metal, UL Listed /NEMA type 1/12/3R/4 standard							
Mounting Type	Wall Mounted (mounting hardware ¼ in.)							
Connection	Internal Rotary Disconnect							
Status Indication	Red and green LED status indicators, audible alarm, summary alarm contacts, counter							
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)							
Operating Humidity	0% to 95% non-condensing							
Noise Attenuation	-50 dB from 10 kHz to 100 MHz							
Modes of Protection	All Modes: L–N, L–L, L–G, N–G 🛈							
SCCR Rating		200 kAIC						
Nominal Discharge Current Rating (In)	20 kA							
Warranty	10 year limited warranty							

• Delta Model does not offer L-N of N=G mode of protection.





Appleton Grp LLC d/b/a Appleton Group. The SolaHD and Emerson logos are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their registered owners. © 2021, Appleton Grp LLC. All rights reserved.