

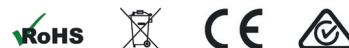
CPS Block plus High Leg Delta 120 V

Power Line SPDs
NEMA - TVSS



General Data

Surge modules	7
Network configuration	High Leg Delta
IEC SPD Type	Class II
UL SPD Type	Type 2
Format	Monobloc
Protection Modes	Common & differential protection
Product standards	IEC 61643-11; UL 1449 4th edition



PART NUMBERS

XXX	120	160	200	240
CPS block plus XXXkA HLD 120 V	77798710	77798730	77798750	77798770

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CPS block plus XXXkA HLD 120 V	120	160	200	240
Nominal voltage AC 50-60 Hz - Un [V]	120/240			
Nominal voltage AC 50-60 Hz - Un(L-L) [V]	240			
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	120			
Max Discharge Current (8/20) - I _{max}	120kA/ph	160kA/ph	200kA/ph	240kA/ph
Maximum back-up fuse [A [gG]]	80			
Response time - t _A [ns]	≤1			
Dynamic thermal disconnection	Yes			

SURGE PROTECTION DEVICE (SPD) - UL TECHNICAL FEATURES

CPS block plus XXXkA HLD 120 V	120	160	200	240
Nominal discharge current (8/20) - I _n [kA]	20			
Maximum continuous operating voltage - MCOV (L-N) [V]	150			
Maximum continuous operating voltage - MCOV (LHL-L) [V]	320			
Voltage protection rating - VPR (L-L) [V]	1000			
Voltage protection rating - VPR (L-N) [V]	600			
Voltage protection rating - VPR (L-G) [V]	600			
Voltage protection rating - VPR (N-G) [V]	600			
Voltage protection rating - VPR (LHL-G) [V]	1200			
Voltage protection rating - VPR (LHL-L) [V]	1600			
Voltage protection rating - VPR (LHL-N) [V]	1200			
Short-Circuit Current Rating-SCCR [kA]	200			
Multi-discharge system - MDS	Yes			

DATASHEET

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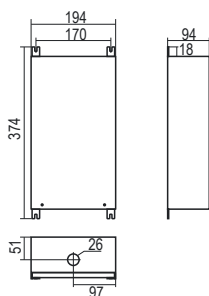
TECHNICAL FEATURES

CPS block plus XXX kA HLD 120 V	120	160	200	240
Intelligent aging display led - IAD			100, 66, 33, 0 %	
EMI Filter			Yes	
EMI Filter Common Mode			≤40 dB	
EMI Filter Differential Mode			≤40 dB	

MECHANICAL AND ENVIRONMENTAL FEATURES

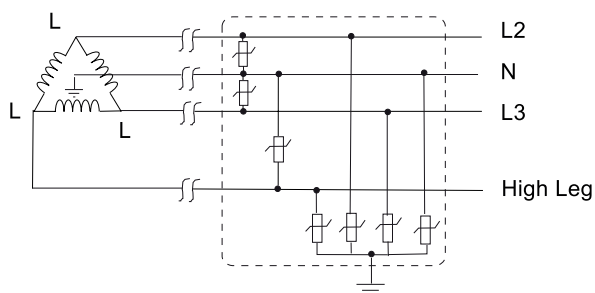
CPS block plus XXX kA HLD 120 V	120	160	200	240
Temperature range [°C]			-40 ... 70	
Indication System Type			Protection status LED	
Enclosure - IP			IP55	
Stranded conductor cross section			2,5 mm ²	
Stranded conductor AWG dimensions			#14	

DIMENSIONS AND WEIGHT



CPS block plus XXX kA HLD 120 V	120	160	200	240
Net Weight [kg]			4.32	
Gross weight [kg]			4.526	
Packaging dimensions (H x W x L) [mm]			210 × 313 × 463	

INTERNAL CONFIGURATION



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