

CPS Block plus 1 Phase 120 V

Power Line SPDs
NEMA - TVSS



General Data

Network configuration	1 Phase
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 1 Ph 120 V	77798711	77798731	77798751	77798771

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CPS block plus XXXkA 1 Ph 120 V	120	160	200	240
Nominal voltage AC 50-60 Hz - Un [V]	120			
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	120			
Max Discharge Current (8/20) - Imax	120kA/ph	160kA/ph	200kA/ph	240kA/ph
Maximum back-up fuse [A [gG]]	80			
Response time - tA [ns]	≤1			

SURGE PROTECTION DEVICE (SPD) - UL TECHNICAL FEATURES

CPS block plus XXXkA 1 Ph 120 V	120	160	200	240
Nominal discharge current (8/20) - In [kA]	20			
Maximum continuous operating voltage - MCOV (L-N) [V]	150			
Voltage protection rating - VPR (L-N) [V]	600			
Voltage protection rating - VPR (L-G) [V]	600			
Voltage protection rating - VPR (N-G) [V]	600			
Short-Circuit Current Rating-SCCR [kA]	200			

TECHNICAL FEATURES

CPS block plus XXXkA 1 Ph 120 V	120	160	200	240
EMI Filter	Yes			
EMI Filter Common Mode	≤40 dB			
EMI Filter Differential Mode	≤40 dB			

MECHANICAL AND ENVIRONMENTAL FEATURES

CPS block plus XXXkA 1 Ph 120 V	120	160	200	240
Temperature range [°C]	-40 ... 70			
Indication System Type	Protection status LED			

DATASHEET

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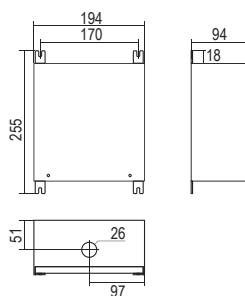
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CPS Block plus 1 Phase 120 V

Continue CPS block plus **XXX**kA 1 Ph 120 V

CPS block plus XXX kA 1 Ph 120 V	120	160	200	240
Enclosure - IP			IP55	
Stranded conductor cross section			2,5 mm ²	
Stranded conductor AWG dimensions			#14	

DIMENSIONS AND WEIGHT



CPS block plus XXX kA 1 Ph 120 V	120	160	200	240
Net Weight [kg]			3.095	
Gross weight [kg]			3.25	
Packaging dimensions (H x W x L) [mm]			210 × 313 × 343	

INTERNAL CONFIGURATION

