

# CPS Block plus Split Phase 120 V

Power Line SPDs  
NEMA - TVSS



## General Data

Network configuration	Split 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 SPLIT Ph120V	77798713	77798733	77798753	77798773

## SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CPS block plus XXXkA SPLIT Ph120V	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 SPLIT Ph120V	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-L) [V]	1200			
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 SPLIT Ph120V	120	160	200	240
EMI Filter	Yes			
EMI Filter Common Mode	≤40 dB			
EMI Filter Differential Mode	≤40 dB			

## DATASHEET

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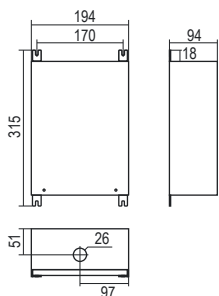
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# CPS Block plus Split Phase 120 V

## MECHANICAL AND ENVIRONMENTAL FEATURES

CPS block plus <b>XXX</b> kA SPLIT Ph120V	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 <sup>2</sup>			
Stranded conductor AWG dimensions	#14			

## DIMENSIONS AND WEIGHT



CPS block plus <b>XXX</b> kA SPLIT Ph120V	120	160	200	240
Net Weight [kg]	3.87			
Gross weight [kg]	4.045			
Packaging dimensions (H x W x L) [mm]	210 × 313 × 403			

## INTERNAL CONFIGURATION

