

CPS Block plus 1 Phase 230 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
CPS block plus XXXkA 1 Ph 230 V	77798712	77798732

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CPS block plus XXXkA 1 Ph 230 V	120	160
Nominal voltage AC 50-60 Hz - Un [V]		230
Nominal voltage AC 50-60 Hz - Un(L-N) [V]		230
Max Discharge Current (8/20) - I _{max}	120kA/ph	160kA/ph
Maximum back-up fuse [A [gG]]		80
Response time - t _A [ns]		≤1

SURGE PROTECTION DEVICE (SPD) - UL TECHNICAL FEATURES

CPS block plus XXXkA 1 Ph 230 V	120	160
Nominal discharge current (8/20) - I _n [kA]		20
Maximum continuous operating voltage - MCOV (L-N) [V]		320
Voltage protection rating - VPR (L-N) [V]		1000
Voltage protection rating - VPR (L-G) [V]		1000
Voltage protection rating - VPR (N-G) [V]		1000
Short-Circuit Current Rating-SCCR [kA]		200

TECHNICAL FEATURES

CPS block plus XXXkA 1 Ph 230 V	120	160
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 230 V	120	160
Temperature range [°C]		-40 ... 70
Indication System Type		Protection status LED

DATASHEET

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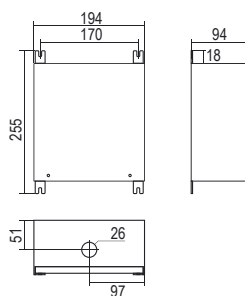
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CPS Block plus 1 Phase 230 V

Continue CPS block plus **XXX**kA 1 Ph 230 V

CPS block plus XXX kA 1 Ph 230 V	120	160
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 230 V	120	160
Net Weight [kg]		3.095
Gross weight [kg]		3.25
Packaging dimensions (H x W x L) [mm]		210 × 313 × 343

INTERNAL CONFIGURATION

