

CPS Block plus 3 Phase WYE 277 V

Power Line SPDs
NEMA - TVSS



General Data

Surge modules	7
Network configuration	3 Phase WYE
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 3PhWYE277V	77798716	77798736	77798756	77798776

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CPS block plus XXXkA 3PhWYE277V	120	160	200	240
Nominal voltage AC 50-60 Hz - Un [V]	277/480			
Nominal voltage AC 50-60 Hz - Un(L-L) [V]	480			
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	277			
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 3PhWYE277V	120	160	200	240
Nominal discharge current (8/20) - I _n [kA]	20			
Maximum continuous operating voltage - MCOV (L-N) [V]	385			
Voltage protection rating - VPR (L-L) [V]	2400			
Voltage protection rating - VPR (L-N) [V]	1200			
Voltage protection rating - VPR (L-G) [V]	1200			
Voltage protection rating - VPR (N-G) [V]	1200			
Short-Circuit Current Rating-SCCR [kA]	200			
Multi-discharge system - MDS	Yes			

TECHNICAL FEATURES

CPS block plus XXXkA 3PhWYE277V	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			

DATASHEET

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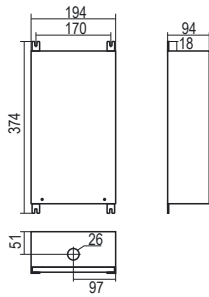
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MECHANICAL AND ENVIRONMENTAL FEATURES

CPS block plus XXX kA 3PhWYE277V	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 3PhWYE277V	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

