

CPS Block 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
CPS block XXXkA 3 PhWYE277V	77798616	77798636	77798656

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

CPS block XXXkA 3 PhWYE277V	120	160	200
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
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 XXXkA 3 PhWYE277V	120	160	200
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 XXXkA 3 PhWYE277V	120	160	200
Intelligent aging display led - IAD	100, 66, 33, 0 %		

DATASHEET

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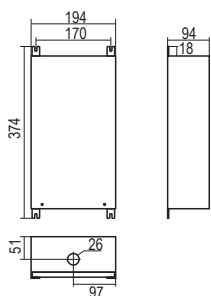
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MECHANICAL AND ENVIRONMENTAL FEATURES

CPS block XXX kA 3 PhWYE277V	120	160	200
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 XXX kA 3 PhWYE277V	120	160	200
Net Weight [kg]	4.369		
Gross weight [kg]	4.526		
Packaging dimensions (H x W x L) [mm]	450 × 300 × 190		

INTERNAL CONFIGURATION

