



The XCSE2120W024VAA is a high-efficiency 120W DIN rail-mounted power supply engineered for industrial and automation applications. Designed for reliable performance, it delivers a stable 24V DC output and supports universal AC input, making it ideal for integration into control panels, machinery, and process systems.

Key Features:

- 120W Power Output (24V DC / 5A) – Provides robust and regulated power for industrial devices.
- Wide Input Range (90–264V AC) – Compatible with global mains standards.
- DIN Rail Mountable – Easily installs on standard 35mm DIN rails.
- Overload, Overvoltage & Short-Circuit Protection – Safeguards connected equipment.
- High Efficiency & Low Power Loss – Reduces heat buildup and operating costs.
- LED Status Indicator – Provides visual power status feedback.

Input Technical Data	
Type	CSE2-120W/024V/AA
Input rated voltage	1-2x 230-400-500 V AC
Input voltage AC	180...550 V AC
Input voltage DC	254...780 V DC
Frequency	47...63 Hz
Current consumption	0.8 A (400 V AC) / 1.2 A (230 V AC)
Inrush peak current	50 A (400 V AC)
Power factor	>0.53 (230 V AC) / >0.43 (400 V AC)
Internal protection fuse	T 4 A
External protection on AC line	MCB: C-4 A / Fuse: T 4 A

Output Technical Data	
Output voltage range	24 V DC
Output adjustable range	24...29 V DC
Continuous current	5.0 A
Overload limiting	6.5 A
Short circuit peak current	30 A for 100 ms
Ripple @ nominal ratings	120 mVpp
Hold up time	10 ms (230 V AC) / 50 ms (400 V AC)
Status indication	LED "DC OK"
Alarm contact	dry contact, max. 1 A
Parallel connection	-
Redundant parallel connection	possible with external ORing diode

General Technical Data	
Efficiency	89.5% (230 V AC) / 90.5% (400 V AC)
Dissipated power	14.5 W (230 V AC) / 12 W (400 V AC)
Operating temperature range	-25°C...+70°C (derating -4.8 W/°C >60°C)
Input / output isolation	3 kV AC / 60 s
Input / ground isolation	2 kV AC / 60 s
Output / ground isolation	0.5 kV AC / 60 s
Standard / approvals	EN 62368-1, UL pending
EMC Standard	EN 55032, EN/IEC 61000-3-2,3, EN 61000-4-2,3,4,5,6,8,11
Overvoltage category / pollution degree	BS EN / EN 55032, BS EN IEC 61000-3-2,3, BS EN / EN 61000-4-2,3,4,5,6,8,11
Protection degree	IP 20
Connection terminal	2.5 mm ² / 2.5 mm ²
Housing material	aluminium, steel
Dimensions (LxHxD)	40 x 125 x 113 mm
Approximate weight	0.65 Kg
Mounting information	vertical on a rail, distance from adjacent components: 40 mm top and bottom, 10 mm left and right
APPROVALS AND MARKINGS	CE, UL LISTED

Accessories	
DIN RAIL (7.5mm or 15mm)	PR003, PR005, PR006, PR007
DIN RAIL End Stops	BT003, BT005, BT007