



The XCSE1060W024VAA is a compact 60W DIN rail-mounted industrial power supply designed for reliable 24V DC output in demanding automation and control environments. With a wide input voltage range and robust protection features, this efficient power supply is ideal for powering industrial control panels, machinery, and process systems.

Key Features:

- **60W Output Power** – Delivers a stable 24V DC output for critical industrial applications.
- **DIN Rail Mounting** – Streamlined installation on standard 35mm DIN rails for space-saving integration.
- **Wide Input Voltage Range** – Supports 90-264V AC for global use in varied power environments.
- **Built-in Protections** – Overload, overvoltage, and short-circuit protections ensure system safety and longevity.
- **High Efficiency Design** – Reduces energy loss and heat generation for improved operational efficiency.

Input Technical Data	
Type	CSE1-060W/024V/AA
Input rated voltage	120–230 V AC
Input voltage AC	90...264 V AC
Input voltage DC	127...370 V DC
Frequency	47...63 Hz
Current consumption	1.6 A (115 V AC) / 0.9 A (230 V AC)
Inrush peak current	30 A (115 V AC) / 60 A (230 V AC)
Power factor	>0.5 (115 V AC) / >0.4 (230 V AC)
Internal protection fuse	T 3.15 A
External protection on AC line	MCB: C-3.15 A / Fuse: T 3.15 A

Output Technical Data	
Output voltage range	24 V DC
Output adjustable range	24...28 V DC
Continuous current	2.5 A
Overload limiting	4.0 A
Short circuit peak current	20 A for 100 ms
Ripple @ nominal ratings	150 mVpp
Hold up time	20 ms (115 V AC) / 50 ms (230 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	86% (115 V AC) / 88% (230 V AC)
Dissipated power	10 W (115 V AC) / 8 W (230 V AC)
Operating temperature range	-20°C...+70°C (derating -1,6 W/°C >55°C)
Input / output isolation	3 kVac / 60 s
Input / ground isolation	2 kVac / 60 s
Output / ground isolation	0.5 kV AC / 60 s
Standard / approvals	EN 62368-1, UL508
EMC Standard	EN 55032, EN/IEC 61000-3-2,3, EN 61000-4-2,3,4,5,6,8,11
Overvoltage category / pollution degree	III / 2
Protection degree	IP 20
Connection terminal	1.5 mm ² / 1.5 mm ²
Housing material	UL94V-0 plastic material
Dimensions (LxHxD)	41 x 100 x 92 mm
Approximate weight	0.28 Kg
Mounting information	vertical on a rail, 10 mm from adjacent components
APPROVALS AND MARKINGS	CE, UL LISTED

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