



The XCSE1077W024VAA is a rugged 77W DIN rail-mounted industrial power supply, engineered to deliver reliable 24 V DC output for demanding control and automation environments. Boasting a wide input range and advanced protection features, it ensures uninterrupted performance in factory floors, process plants, and automation panels.

Key Features:

- 77W Output Power – Provides efficient 24 V DC supply for a range of industrial devices and systems.
- DIN Rail Mounting – Standard 35 mm rail installation for neat and efficient setup.
- Wide Input Voltage Range – Accommodates 90–264 V AC, suitable for diverse global power systems.
- Comprehensive Protections – Includes safeguards against overload, overvoltage, and short-circuits to protect both supply and connected equipment.
- High Operational Efficiency – Generates minimal heat and reduces energy consumption.
- Durable Build Quality – Designed to withstand industrial temperature and vibration conditions.

Input Technical Data	
Type	CSE1-077W/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	1.4 A (115 V AC) / 0.9 A (230 V AC)
Inrush peak current	20 A (115 V AC) / 35 A (230 V AC)
Power factor	>0.54 (115 V AC) / >0.43 (230 V AC)
Internal protection fuse	T 5 A
External protection on AC line	MCB: C-5 / Fuse: T 5 A

Output Technical Data	
Output voltage range	24 V DC
Output adjustable range	24...28 V DC
Continuous current	3.2 A
Overload limiting	4.4 A
Short circuit peak current	30 A for 100 ms
Ripple @ nominal ratings	120 mVpp
Hold up time	10ms (115 V AC) / 60 ms (230 V AC)
Status indication	LED "DC OK"
Alarm contact	-
Parallel connection	-
Redundant parallel connection	possible with external ORing diode

General Technical Data	
Efficiency	86.5% (115 V AC) / 88% (230 V AC)
Dissipated power	12 W (115 V AC) / 9.9 W (230 V AC)
Operating temperature range	-20°C...+70°C (derating -1,9 W/°C >50°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	2.5 mm ² / 2.5 mm ²
Housing material	aluminium, steel
Dimensions (LxHxD)	32 x 125 x 100.5 mm
Approximate weight	0.45 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

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