



The XCSE1240W024VAA is a high-performance 240W DIN rail-mounted power supply designed for industrial automation and control applications. Delivering a stable 24 V DC output, it features a wide AC input range, high efficiency, and advanced protection mechanisms to ensure reliable power in demanding environments.

#### Key Features:

- 240W Output Power – Provides robust 24 V DC power for high-demand industrial systems.
- DIN Rail Mounting – Compact form factor for easy integration on 35 mm DIN rails.
- Wide Input Voltage Range – Operates from 90–264 V AC, suitable for global applications.
- Comprehensive Protections – Safeguards against overload, overvoltage, and short circuits to ensure operational safety.
- High Efficiency Operation – Minimizes energy losses and heat build-up for extended lifespan.

Input Technical Data	
Type	CSE1-240W/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	2.5 A (115 V AC) / 1.3 A (230 V AC)
Inrush peak current	25 A (115 V AC) / 35 A (230 V AC)
Power factor	>0.98 (115 V AC) / >0.95 (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	10.0 A
Overload limiting	12.0 A
Short circuit peak current	30 A for 100 ms
Ripple @ nominal ratings	150 mVpp
Hold up time	22 ms (115 V AC) / 28 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) / 88.5% (230 V AC)
Dissipated power	38.2 W (115 V AC) / 29.38 W (230 V AC)
Operating temperature range	-20°C...+70°C (derating -6 W/°C >50°C)
Input / output isolation	3 kVac / 60 s
Input / ground isolation	2 kVac / 60 s
Output / ground isolation	2 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	4 mm <sup>2</sup> / 4 mm <sup>2</sup>
Housing material	aluminium, steel
Dimensions (LxHxD)	63 x 125 x 113.5 mm
Approximate weight	0.9 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