



The XCSE2240W024VAA is a robust and high-efficiency 240W DIN rail-mounted power supply engineered for industrial automation and process control systems. With universal AC input capability and advanced protection features, it provides a stable 24V DC output for demanding industrial applications.

Key Features:

- 240W Power Output (24V DC / 10A) – Delivers consistent and reliable power for high-demand systems.
- Universal Input Voltage (90-264V AC) – Suitable for installations worldwide.
- DIN Rail Mountable Design – Simplifies integration in industrial control panels.
- Comprehensive Protections – Includes overload, overvoltage, and short-circuit protection for maximum safety.
- High Efficiency & Compact Form Factor – Reduces energy loss and saves valuable panel space.

Input Technical Data	
Type	CSE2-240W/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	0.95 A (400 V AC) / 1.7 A (230 V AC)
Inrush peak current	50 A (400 V AC)
Power factor	>0.72
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...28 V DC
Continuous current	10.0 A
Overload limiting	12 A for >3 s
Short circuit peak current	30 A per 10 s
Ripple @ nominal ratings	120 mVpp
Hold up time	18 ms (230 V AC) / 18 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	91% (230 V AC) / 92% (400 V AC)
Dissipated power	24 W (230 V AC) / 21 W (400 V AC)
Operating temperature range	-30°C...+70°C (derating -4,8 W/°C >50°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	III / 2
Protection degree	IP 20
Connection terminal	2.5 mm ² / 2.5 mm ²
Housing material	aluminium, steel
Dimensions (LxHxD)	63 x 125 x 113 mm
Approximate weight	1 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