



The XCSE3240W024VAA is a robust 240W DIN rail-mounted power supply designed for industrial automation and process control systems. Engineered for three-phase applications, it provides a stable 24V DC output and ensures reliable operation in demanding environments.

Key Features:

- 240W Power Output (24V DC / 10A) – Delivers consistent and regulated power for industrial systems.
- Three-Phase Input (320-575V AC) – Optimized for industrial power networks.
- DIN Rail Mounting – Enables fast and secure installation in control panels.
- Comprehensive Protections – Includes overload, overvoltage, and short-circuit protection for maximum system safety.
- High Efficiency & Compact Design – Reduces energy consumption and saves valuable panel space.

Input Technical Data	
Type	CSE3-240W/024V/AA
Input rated voltage	3x 400–500 V AC
Input voltage AC	340...550 V AC
Input voltage DC	480...780 V DC
Frequency	47...63 Hz
Current consumption	1.5 A (400 V AC) / 1.4 A (500 V AC)
Inrush peak current	50 A (400 V AC)
Power factor	> 0.53 (400 V AC) / > 0.43 (500 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...28 V DC
Continuous current	10.0 A
Overload limiting	10 A for >3 s
Short circuit peak current	20 A for >3 s
Ripple @ nominal ratings	120 mVpp
Hold up time	20 ms (400 V AC) / 40 ms (500 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	90.5% (400 V AC) / 92% (500 V AC)
Dissipated power	24 W (400 V AC) / 21 W (500 V AC)
Operating temperature range	-30°C...+70°C (derating -12 W/°C >60°C)
Input / output isolation	4.7 kV AC / 60 s
Input / ground isolation	2.4 kV AC / 60 s
Output / ground isolation	0.5 kV AC / 60 s
Standard / approvals	EN 62368-1, UL61010
EMC Standard	EN 55032, EN/IEC 61000-3-2,3, EN 61000-4-2,3,4,5,6,8,11
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	4 mm ² / 4 mm ²
Housing material	aluminium, steel
Dimensions (LxHxD)	63 x 125 x 113.5 mm
Approximate weight	0.97 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