



The XCSE2480W024VAA is a high-performance 480W DIN rail-mounted power supply designed to deliver reliable 24V DC power for industrial automation, control systems, and demanding applications. With its wide input range and robust protective features, it ensures consistent power delivery in harsh environments.

Key Features:

- 480W Power Output (24V DC / 20A) – Ideal for high-power industrial systems.
- Universal Input Voltage (90-264V AC) – Supports global installation requirements.
- DIN Rail Mounting – Enables quick, secure installation in control panels.
- Advanced Protection – Overload, overvoltage, and short-circuit protection for operational safety.
- Compact & Energy-Efficient Design – Saves space while reducing energy consumption.

Input Technical Data	
Type	CSE2-480W/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	1.9 A (400 V AC) / 3.2 A (230 V AC)
Inrush peak current	50 A (400 V AC)
Power factor	>0.7
Internal protection fuse	T 6.3 A
External protection on AC line	MCB: C-6.3 A / Fuse: T 6.3 A

Output Technical Data	
Output voltage range	24 V DC
Output adjustable range	24...28 V DC
Continuous current	20.0 A
Overload limiting	30 A for >3 s
Short circuit peak current	50 A for 10 s
Ripple @ nominal ratings	150 mVpp
Hold up time	16 ms (230 V AC) / 16 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	91.5% (230 V AC) / 92% (400 V AC)
Dissipated power	45 W (230 V AC) / 42 W (400 V AC)
Operating temperature range	-30°C...+70°C (derating -9.6 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	II / 2
Protection degree	IP 20
Connection terminal	4 mm ² / 4 mm ²
Housing material	aluminium, steel
Dimensions (LxHxD)	85.5 x 125 x 129 mm
Approximate weight	1.7 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