



The XCSE1024W024VAA is a compact, single-phase DIN rail power supply designed for industrial automation and control panels. Delivering a stable 24 VDC output at 1 A, it supports a wide input range of 90–264 VAC or 127–370 VDC, making it ideal for global applications. Featuring high efficiency, full electronic protections, and DIN rail mounting, it's engineered for reliable performance in demanding environments.

Key Features:

- Wide Input Range (90–264 VAC / 127–370 VDC) – Ensures compatibility with global power standards.
- 24 VDC Regulated Output – Adjustable from 24–28 VDC for precise voltage control.
- Compact DIN Rail Mount Design – Slim 23 mm width saves space in crowded control panels.
- Built-In Protections – Short-circuit, overload, and over-temperature protection for safe operation.
- LED Status Indicator & Alarm Contact – Provides visual and remote monitoring of DC output.
- High Efficiency (84%) – Reduces energy loss and minimizes heat generation.
- UL508 & EN62368-1 Certified – Meets international safety and EMC standards for industrial use.

Input Technical Data	
Type	CSE1-024W/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	0.50 A (115 V AC) / 0.3 A (230 V AC)
Inrush peak current	30 A (115 V AC) / 70 A (230 V AC)
Power factor	>0.5 (115 V AC) / >0.4 (230 V AC)
Internal protection fuse	T 2 A
External protection on AC line	MCB: C-2 A / Fuse: T 2 A

Output Technical Data	
Output voltage range	24 V DC
Output adjustable range	24...28 V DC
Continuous current	1.0 A
Overload limiting	1.7 A
Short circuit peak current	10 A for 100 ms
Ripple @ nominal ratings	150 mVpp
Hold up time	12ms (115 V AC) / 60 ms (230 V AC)
Status indication	LED "DC OK"
Alarm contact	ON/OFF digital signal
Parallel connection	-
Redundant parallel connection	possible with external ORing diode

General Technical Data	
Efficiency	84% (115 V AC) / 84% (230 V AC)
Dissipated power	4.6 W (115 V AC) / 4.6 W (230 V AC)
Operating temperature range	-20°C...+70°C (derating -0,6 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	1.5 mm ² / 1.5 mm ²
Housing material	UL94V-0 plastic material
Dimensions (LxHxD)	23 x 92 x 100 mm
Approximate weight	0.14 Kg
Mounting information	vertical on a rail, 10 mm from adjacent components
APPROVALS AND MARKINGS	CE, UL LISTED

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