

NEW PRODUCTS



3-Phase Switching Power Supply CSE3 series

Model	CSE3-240W/024V/AA
Code	XCSE3240W024VAA
Description	3-phase switch mode power supply
Input	3x 340...550 Vac / 480...780 Vdc
Output	24 Vdc 10 A

The new **CSE3** range is part of the **Easy Power** series, which includes industrial power supplies designed for standard applications that offer an **excellent price/performance ratio**.

The presented model is made in a special metallic enclosure that ensures excellent ventilation, allowing for cost and space reduction. The version presented is with 24V 10A (240W) output, and the range is completed by versions in a plastic and metal enclosures from 10A (240W) up to 40A (960W).

The innovative design and meticulous selection of components have resulted in a product line that offers:

- **Cost savings** thanks to the use of new plastic enclosures
- **Space savings** due to compact dimensions
- An **extended temperature** range for greater reliability
- **Energy savings** thanks to high efficiency

The series also includes:

- **CSE1** Series: Single-phase power supplies 90...264 Vac from 3 A to 40 A
- **CSE2** Series: Single-phase and two-phase power supplies 180...550 Vac from 2.5 A to 20 A
- **CSE3** Series: Three-phase power supplies 340...550 Vac from 10 A to 40 A

Applications

- Industrial automation and process control
- Automation and alarm and remote-control installations
- Photovoltaic sector applications with DC power supplies

Products from the same series

Codice	Sigla	Descrizione
XCSE3240W024VAA	CSE3-240W/024V/AA	3-phase 340...550Vac / 24Vdc 10 A
XCSE3240W048VAA	CSE3-240W/048V/AA	3-phase 340...550Vac / 48Vdc 5 A
XCSE3480W024VAA	CSE3-960W/024V/AA	3-phase 340...550Vac / 24Vdc 20 A
XCSE3960W024VAA	CSE3-960W/024V/AA	3-phase 340...550Vac / 48Vdc 10 A

Cabur: Reliable Since 1952

For over 70 years, Cabur has been developing and manufacturing a wide variety of products for the electronics and electrotechnical industries, renowned for their reliability even under extreme conditions. In addition to the production of terminal blocks, the company's core business, Cabur has expanded over time to include products for automation and control, installation, industrial marking systems, and innovative solutions for photovoltaic systems and energy transition. Today, the company offers over 4,000 products and features a skilled technical team dedicated to customer service.

Technical data sheet

SERIES	
Code	XCSE3240W024VAA
Type	CSE3-240W/024V/AA
INPUT TECHNICAL DATA	
Input rated voltage	3x 400–500Vac
Input voltage AC	340...550 Vac
Input voltage DC	480...780 Vdc
Frequency	47...63 Hz
Current consumption	1.5 A (400 Vac) / 1.4 A (500 Vac)
Inrush peak current	50 A (400 Vac)
Power factor	> 0.53 (400 Vac) / > 0.43 (500 Vac)
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc
Output adjustable range	24...28 Vdc
Continuous current	10.0 A
Overload limiting	13 A for >3 s
Short circuit peak current	20 A for >3 s
Ripple @ nominal ratings	120 mVpp
Hold up time	20 ms (400 Vac) / 40 ms (500 Vac)
Status indication	LED "DC OK"
Alarm contact	dry contact, max. 1 A
GENERAL TECHNICAL DATA	
Efficiency	90.5% (400 Vac) / 92% (500 Vac)
Dissipated power	24 W (400 Vac) / 21 W (500 Vac)
Operating temperature range	-30°C...+70°C (derating -12 W/°C >60°C)
Input / output isolation	4.7 kVac / 60 s
Input / ground isolation	2.4 kVac / 60 s
Output / ground isolation	0.5 kVac / 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 125.2 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, UKCA, UL61010