

## ***NEW PRODUCTS***



### **Single Phase Switching Power Supplies CSE1 series**

<b>Model</b>	<b>CSE1-024W/024V/AA</b>
<b>Code</b>	<b>XCSE1024W024VAA</b>
<b>Description</b>	Switch mode power supply
<b>Input</b>	90...264 Vac / 127...370 Vdc
<b>Output</b>	24 Vdc 1 A

The new **CSE** 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 plastic enclosure that ensures excellent ventilation, allowing for cost and space reduction. The version presented is with 24V 1A (24W) output, and the range is completed by versions in a plastic and metal enclosures from 0.42A (24W) 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 machines and process control
- Small automation and alarm and remote-control installations
- Power supply for sensors or small electronic devices
- Power supplies with low consumption and limited space availability

**Technical data sheet**

<b>SERIES</b>	
Code	XCSE1024W024VAA
Type	CSE1-024W/024V/AA
<b>INPUT TECHNICAL DATA</b>	
Input rated voltage	120–230 Vac
Input voltage AC	90...264 Vac
Input voltage DC	127...370 Vdc
Frequency	47...63 Hz
Current consumption	0.50 A (115 Vac) / 0.3 A (230 Vac)
Inrush peak current	30 A (115 Vac) / 70 A (230 Vac)
Power factor	>0.5 (115 Vac) / >0.4 (230 Vac)
<b>OUTPUT TECHNICAL DATA</b>	
Output voltage range	24 Vdc
Output adjustable range	24...28 Vdc
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	12 ms (115 Vac) / 60 ms (230 Vac)
Status indication	LED "DC OK"
Alarm contact	ON/OFF digital signal
<b>GENERAL TECHNICAL DATA</b>	
Efficiency	84% (115 Vac) / 84% (230 Vac)
Dissipated power	4.6 W (115 Vac) / 4.6 W (230 Vac)
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 kVac / 60 s
Standard / approvals	EN 62368-1, UL508
EMC Standard	EN55032, EN/IEC61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Overvoltage category / pollution degree	III / 2
Protection degree	IP 20
Connection terminal	1.5 mm <sup>2</sup> / 1.5 mm <sup>2</sup>
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, UKCA, UL

**Products from the same series**

In addition to the product presented, the range is composed of the following models:

Codice	Sigla	Descrizione
XCSE1010W024VAA	CSE1-010W/024V/AA	Single phase 90...264Vac / 24Vdc 0.42 A
XCSE1024W024VAA	CSE1-024W/024V/AA	Single phase 90...264Vac / 24Vdc 1 A
XCSE1060W024VAA	CSE1-060W/024V/AA	Single phase 90...264Vac / 24Vdc 2.5 A
XCSE1077W024VAA	CSE1-077W/024V/AA	Single phase 90...264Vac / 24Vdc 3.2 A
XCSE1120W024VAA	CSE1-120W/024V/AA	Single phase 90...264Vac / 24Vdc 5 A
XCSE1240W024VAA	CSE1-240W/024V/AA	Single phase 90...264Vac / 24Vdc 10 A
XCSE1480W024VAA	CSE1-480W/024V/AA	Single phase 90...264Vac / 24Vdc 20 A
XCSE1960W024VAA	CSE1-960W/024V/AA	Single phase 90...264Vac / 24Vdc 40 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.