

CVM PLC 100 CABTITE PSU 24V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The CVM Box for single-pole differential voltage measurement is assembled to customer specifications and can be installed quickly and easily on site using our plug & play solutions. Further engineering services from Weidmüller support safe and comprehensive project realisation. The service life of an electrolysis stack is crucial for the economic efficiency of hydrogen production. By monitoring the differential voltage of the individual cells, our CVM Box makes a decisive contribution to increasing the efficiency of the system. The system becomes monitored thanks to the data analysis and the user can view the technical status at any time, and the CVM box can be used to recognise deviations and plan service and maintenance with foresight.

General ordering data

Version	Enclosures, AutomationController, Height: 400 mm, Width: 600 mm, Depth: 132 mm, Basic material: PC-ABS, untreated, Light Grey
Order No.	8000142794
Type	CVM PLC 100 CABTITE PSU 24V
GTIN (EAN)	4099987105651
Qty.	1 items

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Technical data

Dimensions and weights

Depth	132 mm	Depth (inches)	5.1968 inch
Height	400 mm	Height (inches)	15.748 inch
Width	600 mm	Width (inches)	23.622 inch
Net weight	8788.49 g		

Temperatures

Operating temperature	-20 °C...60 °C	Humidity	10% to 95%, non-condensing as per DIN EN 61131-2
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cI
REACH SVHC	Lead 7439-92-1, Lead monoxide 1317-36-8

Rated data acc. to IEC

Rated current, max. number of poles (Tu=20°C)	10 A	Rated voltage for surge voltage class / pollution degree II/2	500 V
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Material data

Insulating material	PC	Insulating material group	II
Surface finish	untreated	Basic material	PC-ABS

General data

Colour	Light Grey	Protection degree	IP66
Colour chart (similar)	RAL 7035		

Assembly properties

Shielding	No	DIN Rail compatibility	TS 35
Housing version	Plastic, protective insulation	Adjacent	Yes, no gap
Direct mounting possible	Yes		

Individualization options

Customer specific cutouts possible	Yes	Customer specific labelling possible	Yes
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Housing properties

Marker integrateable	Yes	Cut out as preparation for functional port	Yes integrated
Continuous current of cross-connection	100 mA	Cross-connection	No
Number of connection levels	100	Number of poles	100

Connectable conductors

Tightening torque, min.	0.8 Nm	Tightening torque, max.	0.8 Nm
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Standard features

Version	AutomationController
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Classifications

ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	EC001031	ECLASS 14.0	27-19-02-04
ECLASS 15.0	27-19-02-04		