

CVM IO 160 HDC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

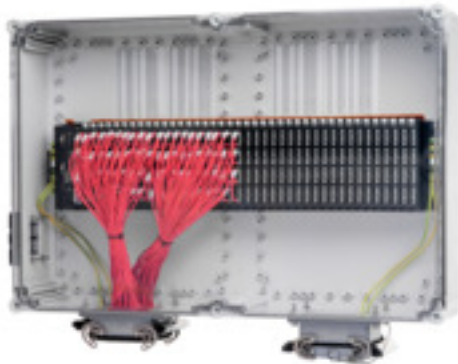
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Abbildung ähnlich

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, Voltage monitoring, Height: 400 mm, Width: 600 mm, Depth: 132 mm, Material: PC-ABS, untreated, Light Grey
Order No.	8000140778
Type	CVM IO 160 HDC
GTIN (EAN)	4099987068079
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	132 mm	Depth (inches)	5.197 inch
Height	400 mm	Height (inches)	15.748 inch
Width	600 mm	Width (inches)	23.622 inch
Net weight	18,938.389 g		

Temperatures

Operating temperature	-20 °C...60 °C	Humidity	10% to 95%, non-condensing as per DIN EN 61131-2
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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
Material	PC-ABS	Surface finish	untreated

General data

Colour	Light Grey	Colour chart (similar)	RAL 7035
Protection degree	IP65	Rail	TS 35 x 7.5

Assembly properties

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

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 integrated	Yes
Continuous current of cross-connection	100 mA	Cross-connection	No
Number of connection levels	160	Number of poles	160

Connectable conductors

Tightening torque, min.	0.8 Nm	Tightening torque, max.	0.8 Nm
Solid, min. H05(07) V-U	1.5 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Stranded, max. H07V-R	1.5 mm ²	Flexible, min. H05(07) V-K	0.75 mm ²

Standard features

Version	Voltage monitoring
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www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	EC001031	ECLASS 9.0	27-18-27-02
ECLASS 9.1	27-18-27-92	ECLASS 10.0	27-18-27-02
ECLASS 11.0	27-18-27-02	ECLASS 12.0	27-18-27-02
ECLASS 13.0	27-19-02-04	ECLASS 14.0	27-19-02-04
ECLASS 15.0	27-19-02-04		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl, 6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 Lead monoxide 1317-36-8

Downloads

Catalogues	Catalogues in PDF-format
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