

**CSL KEBX QL 506030 S4B1 AK EX\_CVM NO POK**

**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**

Order No.	8000171570
Type	<a href="#">CSL KEBX QL 506030 S4B1 AK EX_CVM NO POK</a>
GTIN (EAN)	4099987847650
Qty.	1 items

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## Technical data

### Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Height	500 mm	Height (inches)	19.685 inch
Width	600 mm	Width (inches)	23.622 inch
Net weight	53380.1 g		

### Temperatures

Humidity	10% to 95%, non-condensing as per DIN EN 61131-2
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### Rated data acc. to IEC

tested acc. to standard	CE, ATEX, II 3 G Ex ec IIC T4 Gc	Rated current, max. number of poles (Tu=20°C)	10 A
Rated current, max. number of poles (Tu=40°C)	100 mA	Rated voltage for surge voltage class / pollution degree II/2	1500 V
Rated impulse voltage for surge voltage class/ pollution degree III/2	8 kV		

### Material data

UL 94 flammability rating	V-0	Insulating material	Metal
Insulating material group	II	Surface finish	Brushed
Basic material	Stainless steel 1.4404 (316L)		

### General data

Colour	silver	Protection degree	IP55
Colour chart (similar)	RAL 7001		

### Assembly properties

Shielding	unshielded	Housing version	Metal, corrosion resistant
Adjacent	Yes, no gap	Direct mounting possible	Yes
Integrated circuit board connection technology available	No	Ventilation openings available	No

### Individualization options

Customer specific cutouts possible	No	Customer specific labelling possible	Yes
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### Housing properties

Marker integrateable	Yes	Continuous current of cross-connection	100 mA
Number of connection levels	160	Number of poles	160

### Connectable conducteurs

Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>
Max. clamping range	2.5 mm <sup>2</sup>		

### Standard features

Version	PROFINET
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**Technical data**

**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		