CH20M45 S 3P/3P LGY 2018

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

The side element of the CH20M housing offers you the option of an individual structure that can be flexibly adapted to your needs. A particularly practical advantage is that slots that are not required can simply be closed with covers. This not only ensures a clean and tidy appearance, but also protects against dust and other environmental influences. Take advantage of the versatility of the CH20M housing to design your projects efficiently and according to your ideas!

General ordering data

Version	Side element, OMNIMATE Housing - series CH20M Light Grey, Side element, Width: 45 mm
Order No.	1444330000
Type	CH20M45 S 3P/3P LGY 2018
GTIN (EAN)	4050118249651
Qty.	6 pc(s).
Information regarding whole assembly, see referenced articles	1104410000

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Technical data

Dimensions and weights

Depth	105.3 mm	Depth (inches)	4.146 inch
Height	22.8 mm	Height (inches)	0.898 inch
Width	45 mm	Width (inches)	1.772 inch
Net weight	0.899 g		

Temperatures

Ambient temperature	-25 °C...85 °C	Operating temperature range	-40...120 °C
Humidity	5 - 93% rel. humidity, Tu = 40°C, no condensation		

Material data

Comparative Tracking Index (CTI)	600 ≤ CTI	Insulating material	PA 66 GF 30
Insulating material group	I	Material	Plastic
Surface finish	untreated	UL 94 flammability rating	V-0

General data

Colour	Light Grey	Colour chart (similar)	RAL 7035
Encapsulation option	No	Protection degree	IP20 in installed state

Component properties

Cut out as preperation for functional port integrated	No	Number of connection levels	3
Number of poles, max.	24	Number of slots for female plugs	6
Number of ventilation openings	0		

Classifications

ETIM 7.0	EC001031	ETIM 8.0	EC001031
ETIM 9.0	EC001031	ETIM 10.0	EC001031
ECLASS 11.0	27-18-27-92	ECLASS 12.0	27-18-27-92
ECLASS 13.0	27-19-06-02	ECLASS 14.0	27-19-06-02
ECLASS 15.0	27-19-06-02		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL ANALO.SIGN.CONV. EN MB DEVICE MANUF. EN FL MACHINE SAFETY EN FL 72H SAMPLE SER EN PO OMNIMATE EN

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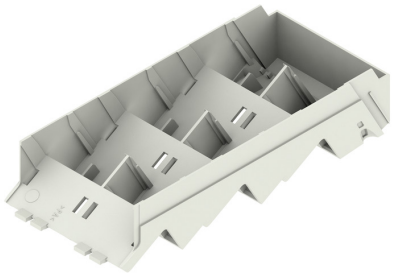
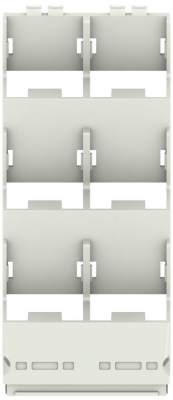
Drawings

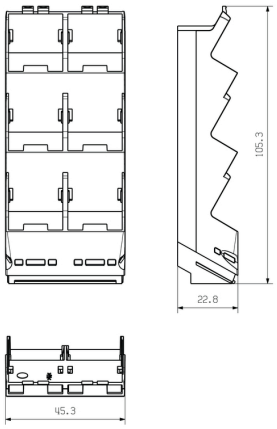
Product image



Product image



Dimensioned drawing



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Accessories

CH20M AD SHL 5.00/04 - Side element cover for CH20M22, CH20M45, CH20M67

Future-proof solutions for industrial electronics for mounting in the control cabinet
Electronichousings are crucial for the integration of electronic assemblies in the control cabinet. They protect sensitive components and ensure reliable connections. Thanks to high-quality materials, they offer long-term solutions for industrial applications.
Your advantages:
Flexibility: Scalable solutions for different requirements
Safety: Robust design to protect your electronics
Efficiency: Simple installation and optimized connection technology
Housing solutions for every application:
Our portfolio includes modular housings (e.g. CH20M), small housings and profile housings designed for control, signal conversion and safety applications. These housings offer customizable designs, easy mounting and high connection capacity.
Customization:
In addition to standard solutions, we offer customization in design, color and printing. The Weidmüller Configurator enables individual design.
Our service:
We offer expert advice and technical support for your projects. In the download area you will find CAD data, data sheets and installation instructions for efficient integration.

General ordering data

Type	CH20M AD SHL 5.00/04 BK ...	Version
Order No.	1221310000	Hood, OMNIMATE Housing - series CH20M black, Side element cover,
GTIN (EAN)	4050118004830	Width: 22.5 mm
Qty.	50 pc(s).	
Type	CH20M AD SHL 5.00/04 GG ...	Version
Order No.	1413740000	Hood, OMNIMATE Housing - series CH20M Graphite grey, Side
GTIN (EAN)	4050118241648	element cover, Width: 22.5 mm
Qty.	50 pc(s).	
Type	CH20M AD SHL 5.00/04 LG ...	Version
Order No.	1432890000	Hood, OMNIMATE Housing - series CH20M Light Grey, Side element
GTIN (EAN)	4050118237641	cover, Width: 22.5 mm
Qty.	50 pc(s).	
Type	CH20M AD SHL 5.00/04 AG ...	Version
Order No.	1472830000	Hood, OMNIMATE Housing - series CH20M Agate grey, Side element
GTIN (EAN)	4050118279429	cover, Width: 22.5 mm
Qty.	50 pc(s).	