

CH20M45 S RPSC/2PSC BK 2010**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 black, Side element, RJ45 connection preparation, Width: 45.3 mm
Order No.	1500040000
Type	CH20M45 S RPSC/2PSC BK 2010
GTIN (EAN)	4050118308631
Qty.	6 pc(s).
Information regarding whole assembly, see referenced articles	1104410000

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Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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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	45.3 mm	Width (inches)	1.783 inch
Net weight	14.7 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	black	Colour chart (similar)	RAL 9011
Encapsulation option	No	Protection degree	IP20 in installed state

Component properties

Cut out as preparation for functional port integrated	Yes	Number of connection levels	2
Number of poles, max.	12	Number of slots for female plugs	3
Number of ventilation openings	2	Type of cut out as preparation for functional port	RJ45

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
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Technical data

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

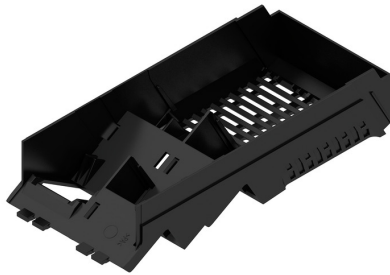
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Drawings

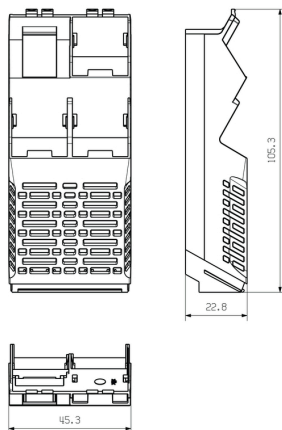
Product image



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

Electronic housings 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).	