

CH20M AD SHL 5.00/03 BK 2010**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com



The new standard for integrating innovative electronics on the DIN rail.

Trend-setting flexibility and design freedom.

Flexibility, efficiency, functionality and security.

CH20M (Component Housing IP20 Modular) –

Weidmüller's new housing standard fits perfectly with customised electronics applications. This "standard tailor-made fit" combines the design freedom made possible by a pioneering concept of modularity with the minimized overhead and optimised planning security of a standard system.

From development to production, the CH20M represents efficiency. It covers all of the requirements for a modern electronics platform built with the future in mind. The system has several outstanding features, including its scalability, flexibility, high security level and innovative application functionality. Overall, the product line covers all common pitches, from the 6.1-mm sliced design to the 22.5-mm and 67-mm large-scale housings.

The application-centred design was developed from real world experience for the real world. It is designed with the market, the application and the future in mind. The essential features speak for themselves:

- Systematic modularity- from head (plate) to (clip-on) foot
- Excellent scalability – 7 different widths, from 6.1 - 67.5 mm!

- Maximized security: with leading-pin contact and captive coding system
- Unlimited continuity - a unified design for all pitch widths
- Very compact size – up to 4 connection levels and with release lever
- Complete process security - SMT/THR connection components packaged in Tape-on-Reel and an optimised PCB design
- Maximized efficiency - with the optimised use of PCB surface space

CH20M - offering the best performance with the least effort. A quantum leap for your application!

Data sheet

General ordering data

Type	CH20M AD SHL 5.00/03 BK 2010
Order No.	1254110000
Version	Hood black, Width: 17.5 mm
GTIN (EAN)	4050118046922
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Length	14.5 mm	Length (inches)	0.571 inch
Width	17.5 mm	Width (inches)	0.689 inch
Height	23.7 mm	Height (inches)	0.933 inch
Net weight	1.44 g		

System characteristics

Protection degree	IP20
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Material data

Insulating material	PA 66 GF 30	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	II
Comparative Tracking Index (CTI)	≥ 550	Max. relative humidity during storage	80 %

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
eClass 9.0	27-18-27-90	eClass 9.1	27-18-27-90
eClass 10.0	27-18-27-92		

Approvals

ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 2 PORTFOLIOGUIDE EN
Engineering Data	EPLAN
Engineering Data	STEP

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www.weidmueller.com**Drawings**