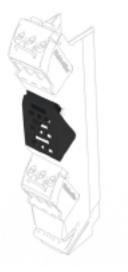
### CH20M AD SHL 5.00/03 BK 2010



#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 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 IP**20** Modular) – Weidmüller's new housing standard fits perfectly with customised electronics applications. This "standard tailormade 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!

#### Creation date May 2, 2020 6:27:31 PM CEST

# Weidmüller 🔀

#### General ordering data

CH20M AD SHL 5.00/03 BK 2010		
<u>1254110000</u>		
Hood black, Width: 17.5 mm		
4050118046922		
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		
Material data			
Insulating material	PA 66 GF 30	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	
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		
Downloads			
Prochure (Catalogue			
Brochure/Catalogue Engineering Data	CAT 2 PORTFOLIOGUIDE EN EPLAN		
Engineering Data	STEP		
	JILF		

## CH20M AD SHL 5.00/03 BK 2010

# Drawings



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