CH20M45 S 2PSC/2PSC TYL 2083

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

www.weidmueller.com

Product image

Superior efficiency, flexibility and design - the "standard tailor-made fit"
When selecting a housing design, flexibility is a key factor. Other important criteria are: scalability, customised design, innovative functionality and cost efficiency. You need a choice which offers the maximum performance with the minimum overhead.
The CH20M45 modular electronics housings come in an integrated extra-large assortment. It is suited for those electronics applications that require more space, such as compact controllers and power supplies.
The entire system is characterized by excellence: outstanding scalability and flexibility, a high security level, innovative application functionality and a variety of practical details.

- **Quicker installation** with features such as "Wire ready" the universal multi-tool screw head
- **User-friendly operations:** with clear and permanent labelling and extra marking possibilities, integrated release clip or transparent cover
- **Maximum interference immunity** with EMC-compliant construction featuring deeply overlapping module joint edges made from high-performance plastic
- **High operational reliability** with the unique Auto-Set coding system and featuring double-sided touch protection on the pin header and socket blocks

CH20M - a compact name for the most flexible system available on the market. It doesn't just stand for "Component Housing IP20 Modular".
CH20M also stands for efficiency and innovation throughout design, production and use.

General ordering data

Version	Modular housing, OMNIMATE Housing - series CH20M Traffic yellow, Width: 45 mm
Order No.	1327990000
Type	CH20M45 S 2PSC/2PSC TYL 2083
GTIN (EAN)	4050118132250
Qty.	6 pc(s).

CH20M45 S 2PSC/2PSC TYL 2083

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

www.weidmueller.com

Technical data

Dimensions and weights

Height	22.83 mm	Height (inches)	0.899 inch
Length	105.49 mm	Length (inches)	4.153 inch
Net weight	0.021 g	Width	45 mm
Width (inches)	1.772 inch		

Temperatures

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

Component Properties

Cut out as preperation for functional port integrated	No	Number of connection levels	4
Number of cooling levels	2	Number of poles, max.	16

General data

Colour	Traffic yellow	Colour chart (similar)	RAL 1023
Encapsulation option	No		

Material data

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

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	ECLASS 11.0	27-18-27-92

Approvals

ROHS	Conform

Downloads

Engineering Data	STEP

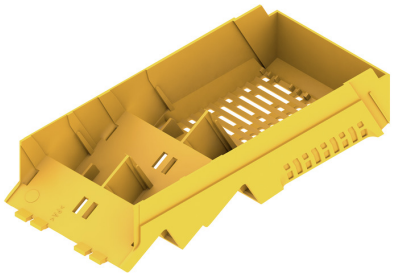
CH20M45 S 2PSC/2PSC TYL 2083

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

www.weidmueller.com

Drawings

Product image



Product image