CH20M45 F TYL 2083

Product image

The front element of the CH20M housing offers you numerous options for individual design and functionality. You can choose between various printing methods such as pad printing and laser engraving to implement your designs precisely and attractively.

Laser cut-outs for electronic components are also possible. Markers can also be used. The front element can be equipped with or without a hinged lid.

General ordering data

Version	Front element, OMNIMATE Housing - series CH20M Traffic yellow, Front element, including preperation for flip cover, Width: 45 mm
Order No.	1337640000
Type	CH20M45 F TYL 2083
GTIN (EAN)	4050118141818
Qty.	30 items

Creation date 10.03.2026 05:52:22 MEZ

CH20M45 F TYL 2083

Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	15.5 mm	Depth (inches)	0.6102 inch
Height	100 mm	Height (inches)	3.937 inch
Width	45 mm	Width (inches)	1.7716 inch
Net weight	10.5 g		

Temperatures

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

Environmental Product Compliance

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

Material data

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

General data

Colour	Traffic yellow	Protection degree	IP20 in installed state
Colour chart (similar)	RAL 1023	Information regarding whole assembly, see referenced articles	CH20M45 B BK/OR 2010
Encapsulation option	No		

Component properties

Flip cover mountable	Yes	Marker integrateable	No

Individualization options

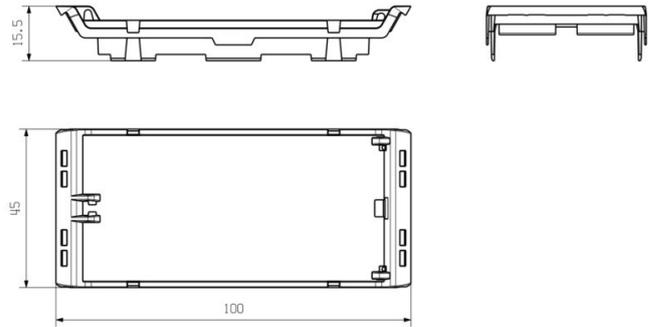|			
Customer specific cutouts possible	Yes	Customer specific labelling possible	Yes
Customer specific order process	See guideline under downloads	Alternitive colours	More on request
Processing possibilities	Laser processing, Milling		

Classifications

ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	EC001031	ECLASS 14.0	27-19-06-03
ECLASS 15.0	27-19-06-03		

Creation date 10.03.2026 05:52:22 MEZ

CH20M45 F TYL 2083

Drawings

Product image

Dimensioned drawing

CH20M45 F TYL 2083

Counterpart

CH20M45 C - Flip Cover

The Flip cover of the CH20M housing offers practical functions that support your application. It can be sealed, which ensures additional security and protection for your contents. You also have the option of printing on the cover using pad printing to clearly display important information or logos.
In addition, markers can be used to apply specific instructions or markings directly on the cover.

General ordering data

Type	CH20M45 C BK 1819	Version	
Order No.	1104430000	Modular housing, OMNIMATE Housing - series CH20M black,	
GTIN (EAN)	4032248878901	Transparent, Flip cover, Width: 45 mm	
Qty.	30 ST		
Type	CH20M45 C TP 8089	Version	
Order No.	1104440000	Modular housing, OMNIMATE Housing - series CH20M Transparent,	
GTIN (EAN)	4032248878895	Flip cover, Width: 45 mm	
Qty.	30 ST		