

SAMPLE LP CH20M PPX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

Version	Electronics housing sample, OMNIMATE Housing - series CH20M green, PCB for self-assembly, CH20M12 - 67, For 2 connection levels, Width: 1.6 mm
Order No.	1105580000
Type	SAMPLE LP CH20M PPX
GTIN (EAN)	4032248880652
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	99 mm	Depth (inches)	3.898 inch
Height	101 mm	Height (inches)	3.976 inch
Width	1.6 mm	Width (inches)	0.063 inch
Net weight	24.8 g		

Material data

Insulating material	PA 66 GF 30	Insulating material group	II
Surface finish	untreated		

General data

Colour	green	Colour chart (similar)	RAL 6032
Protection degree	IP20 in installed state		

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	EC001031	ECLASS 9.0	27-18-27-02
ECLASS 9.1	27-18-27-92	ECLASS 10.0	27-18-27-02
ECLASS 11.0	27-18-27-02	ECLASS 12.0	27-18-27-02
ECLASS 13.0	27-19-02-04	ECLASS 14.0	27-19-02-04
ECLASS 15.0	27-19-02-04		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Engineering Data	PCB Reference Layout
Catalogues	Catalogues in PDF-format
Brochures	MB DEVICE MANUF. EN FL 72H SAMPLE SER EN PO OMNIMATE EN

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www.weidmueller.com**Drawings**

Layer Stack Up Detail for: 1105580000_03.PcbDoc

Layer	Order	Order	Material	Material	Material
name	Thickness	Thickness	Material	Material	Material
Top Solder Mask	(.015)	0.015mm	Solder Resist		
Top Layer	(.015)	0.015mm	FR-4	Core	
Bottom Layer	(.015)	0.015mm	Solder Resist		
Bottom Solder Mask	(.015)	0.015mm	Solder Resist		
PCB thickness over all	1.6mm +/-	0.13mm			

