

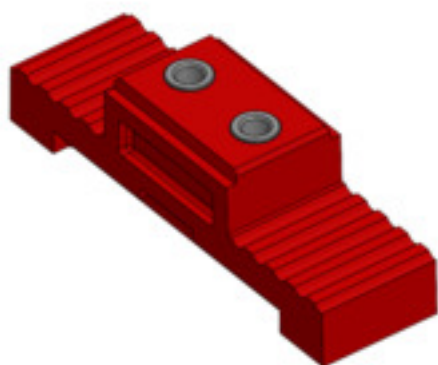
HV2700/M12 F**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

The efficient and reliable distribution of electrical power in a challenging environment requires interface solutions that are optimally designed for the special characteristics of a particular application. Perfect interplay is what you get with our high-current terminal solutions combined with Klippon® Protect enclosures in a weather-proof design.

Our HV 2700 und HV 4000 high-voltage terminals provide you with a modular and scalable system which, thanks to the ring cable lug connection system, is a globally recognised and proven railway technology and easy to install anywhere in the world. The products are tested and comply with the requirements of the technical standards EN 50155, EN 50124-1, EN 45545 and IEC 61373. Our products are subject to ongoing product monitoring and development.

We have put together a small selection for you, but we are happy to configure a bespoke solution.

Customised installation

The challenges for the future are reducing costs and increasing efficiency. This requires intelligent, individual solutions which are tailored to your requirements. In our application spectrum

we offer you a highly qualified customer-specific manufacturing service.

Whether you need modified products, pre-assembled terminal rails or complete small cabinets: we produce

the solutions developed for your application quickly and flexibly.

General ordering data

Version	Bolt-type screw terminals, Feed-through terminal, Screw connection
Order No.	2495780000
Type	HV2700/M12 F
GTIN (EAN)	4050118619294
Qty.	15 pc(s).

HV2700/M12 F

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Technical data

Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Height	180 mm	Height (inches)	7.087 inch
Net weight	520 g	Width	50 mm
Width (inches)	1.969 inch		

Material data

Colour	red	UL 94 flammability rating	V-0
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System specifications

Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No		

Conductors for clamping (rated connection)

Cable lug to DIN 46235	16...240 mm ²	Clamping range, bolted connection , max.	240 mm ²
Clamping range, bolted connection , min.	16 mm ²	Clamping screw	M 12
Connection cross-section, finely stranded, max.	240 mm ²	Connection cross-section, finely stranded, min.	16 mm ²
Connection direction	top, Bottom	Number of connections	2
Stud size for spade connection	M 12	Tightening torque, max.	35 Nm
Tightening torque, min.	33 Nm	Type of connection	Screw connection

General

Standards	EN 45545-2:2020, NFPA 130 ASTM E 162/ 662, BSS 7239/ 7242
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Rating data

Rated voltage	2,700 V	Voltage with epoxy resin partition plate	2,700 V
Standards	EN 45545-2:2020, NFPA 130 ASTM E 162/ 662, BSS 7239/ 7242	Rated impulse withstand voltage	25 kV
Impulse voltage with epoxy resin partition plate	25 kV	Pollution severity	3

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

Downloads

Brochure/Catalogue	Catalogues in PDF-format
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