

**maxGUARD
AMG XMD EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



Similar to illustration

Efficient machine and facility operation calls for fail-safe and maintenance-friendly control voltage distribution that can be installed in a time and space-saving manner.

With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution system.

The innovative combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50%.

General ordering data

Type	AMG XMD EX
Order No.	2495080000
Version	Potential distributor
GTIN (EAN)	4050118504774
Qty.	10 pc(s).

Creation date May 2, 2020 9:48:08 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

Data sheet

maxGUARD AMG XMD EX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	125 mm	Height (inches)	4.921 inch
Depth	96.5 mm	Depth (inches)	3.799 inch
Net weight	27.5 g		

Probability of failure

MTTF	50,000 Years
------	--------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Output

Connection system	PUSH IN
-------------------	---------

General data

Conformal coating	Yes	Current load per contact point	12 A
Protection degree	IP20	Total current load per potential	24 A

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	12	Conductor cross-section, AWG/kcmil , min.	26
Conductor cross-section, flexible , max.	2.5 mm ²	Conductor cross-section, flexible , min.	0.14 mm ²
Conductor cross-section, rigid , max.	2.5 mm ²	Conductor cross-section, rigid , min.	0.14 mm ²
Connection system	PUSH IN	Number of terminals	4 (4x GND), 2 x 1.5 mm ² , 2 x 2.5 mm ²
Screwdriver blade	0.6 x 3.5		

Approvals

Institute(ATEX)		Certificate No. (ATEX)	
			DEMKO17ATEX1870X
Institute (cULus)		Certificate no. (cULus)	
			E258476
Institute (cULusEX)		Certificate no. (cULusEX)	
			E470829

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		

Creation date May 2, 2020 9:48:08 AM CEST

Data sheet

**maxGUARD
AMG XMD EX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Downloads

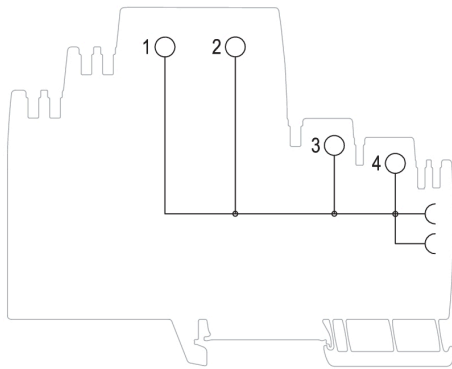
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	Manual_maxGUARD Operating instructions

Data sheet

**maxGUARD
AMG XMD EX**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings



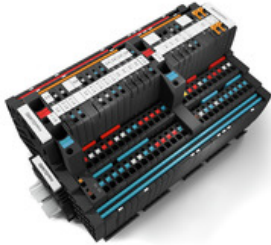
Schematic circuit diagram

**maxGUARD
AMG XMD EX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

Standard version for machine construction



Efficient machine and facility operation calls for fail-safe and maintenance-friendly control voltage distribution that can be installed in a time and space-saving manner.

With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution system.

The innovative combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50%.

General ordering data

Type	AMG PP	Version
Order No.	2123000000	Seperation plate
GTIN (EAN)	4050118425338	
Qty.	40 pc(s).	

Extended version for shipbuilding and EX applications



Efficient machine and facility operation calls for fail-safe and maintenance-friendly control voltage distribution that can be installed in a time and space-saving manner.

With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution system.

The innovative combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50%.

General ordering data

Type	AMG DIS EX	Version
Order No.	2495100000	Potential distributor
GTIN (EAN)	4050118504798	
Qty.	10 pc(s).	
Type	AMG OD EX	Version
Order No.	2495090000	Potential distributor
GTIN (EAN)	4050118504781	
Qty.	10 pc(s).	

maxGUARD AMG XMD EX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

Type	AMG PD EX	Version
Order No.	2495070000	Potential distributor
GTIN (EAN)	4050118504767	
Qty.	10 pc(s).	
Type	AMG MD EX	Version
Order No.	2495040000	Potential distributor
GTIN (EAN)	4050118504804	
Qty.	10 pc(s).	

ZQV 4N



Spring connection with PUSH IN Technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	ZQV 4N/4 RD
Order No.	2460800000
GTIN (EAN)	4050118476224
Qty.	60 pc(s).
Type	ZQV 4N/8
Order No.	1528030000
GTIN (EAN)	4050118332841
Qty.	20 pc(s).
Type	ZQV 4N/9
Order No.	1528070000
GTIN (EAN)	4050118332797
Qty.	20 pc(s).
Type	ZQV 4N/7 BL
Order No.	1528180000
GTIN (EAN)	4050118333114
Qty.	20 pc(s).
Type	ZQV 4N/2 RD
Order No.	2460450000
GTIN (EAN)	4050118476149
Qty.	60 pc(s).
Type	ZQV 4N/50 RD
Order No.	2460730000
GTIN (EAN)	4050118476156
Qty.	5 pc(s).
Type	ZQV 4N/2
Order No.	1527930000
GTIN (EAN)	4050118332766
Qty.	60 pc(s).

**maxGUARD
AMG XMD EX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

Type ZQV 4N/3 BL
 Order No. [1528080000](#)
 GTIN (EAN) 4050118333008
 Qty. 60 pc(s).

Type ZQV 4N/50 BL
 Order No. [1528240000](#)
 GTIN (EAN) 4050118333121
 Qty. 5 pc(s).

Type ZQV 4N/10 RD
 Order No. [2460740000](#)
 GTIN (EAN) 4050118476163
 Qty. 20 pc(s).

Type ZQV 4N/9 BL
 Order No. [1528220000](#)
 GTIN (EAN) 4050118333107
 Qty. 20 pc(s).

Type ZQV 4N/5 RD
 Order No. [2460790000](#)
 GTIN (EAN) 4050118476217
 Qty. 60 pc(s).

Type ZQV 4N/10
 Order No. [1528090000](#)
 GTIN (EAN) 4050118332896
 Qty. 20 pc(s).

Type ZQV 4N/5
 Order No. [1527980000](#)
 GTIN (EAN) 4050118332759
 Qty. 60 pc(s).

Type ZQV 4N/6 RD
 Order No. [2460780000](#)
 GTIN (EAN) 4050118476200
 Qty. 20 pc(s).

Type ZQV 4N/2 BL
 Order No. [1528040000](#)
 GTIN (EAN) 4050118332773
 Qty. 60 pc(s).

Type ZQV 4N/10 BL
 Order No. [1528230000](#)
 GTIN (EAN) 4050118333138
 Qty. 20 pc(s).

Type ZQV 4N/6
 Order No. [1527990000](#)
 GTIN (EAN) 4050118332919
 Qty. 20 pc(s).

Type ZQV 4N/5 BL
 Order No. [1528140000](#)
 GTIN (EAN) 4050118333015
 Qty. 60 pc(s).

Type ZQV 4N/50
 Order No. [1528130000](#)
 GTIN (EAN) 4050118332902
 Qty. 5 pc(s).

Creation date May 2, 2020 9:48:08 AM CEST

maxGUARD AMG XMD EX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories

Type ZQV 4N/9 RD
Order No. [2460750000](#)
GTIN (EAN) 4050118476170
Qty. 20 pc(s).

Type ZQV 4N/3 RD
Order No. [2460810000](#)
GTIN (EAN) 4050118476231
Qty. 60 pc(s).

Type ZQV 4N/6 BL
Order No. [1528170000](#)
GTIN (EAN) 4050118332926
Qty. 20 pc(s).

Type ZQV 4N/4
Order No. [1527970000](#)
GTIN (EAN) 4050118332889
Qty. 60 pc(s).

Type ZQV 4N/7 RD
Order No. [2460770000](#)
GTIN (EAN) 4050118476194
Qty. 20 pc(s).

Type ZQV 4N/3
Order No. [1527940000](#)
GTIN (EAN) 4050118332865
Qty. 60 pc(s).

Type ZQV 4N/8 RD
Order No. [2460760000](#)
GTIN (EAN) 4050118476187
Qty. 20 pc(s).

Type ZQV 4N/4 BL
Order No. [1528120000](#)
GTIN (EAN) 4050118332872
Qty. 60 pc(s).

Type ZQV 4N/8 BL
Order No. [1528190000](#)
GTIN (EAN) 4050118332858
Qty. 20 pc(s).

Type ZQV 4N/7
Order No. [1528020000](#)
GTIN (EAN) 4050118332780
Qty. 20 pc(s).

maxGUARD AMG XMD EX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

End brackets



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	WEW 35/2 V0 GF SW	Version
Order No.	1479000000	W-Series, End bracket
GTIN (EAN)	4050118286779	
Qty.	100 pc(s).	

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SL 0.6X3.5X100	Version
Order No.	1274660000	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4050118072631	
Qty.	1 pc(s).	