

**maxGUARD  
AMG MD EX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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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 MD EX
Order No.	<a href="#">2495040000</a>
Version	Potential distributor
GTIN (EAN)	4050118504804
Qty.	10 pc(s).

## Data sheet

### maxGUARD AMG MD EX

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## 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
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Output

Connection system	PUSH IN
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### General data

Conformal coating	Yes	Current load per contact point	12 A
Protection degree	IP20	Total current load per potential	12 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 <sup>2</sup>	Conductor cross-section, flexible , min.	0.14 mm <sup>2</sup>
Conductor cross-section, rigid , max.	2.5 mm <sup>2</sup>	Conductor cross-section, rigid , min.	0.14 mm <sup>2</sup>
Connection system	PUSH IN	Number of terminals	4 (4x -), 2 x 1.5 mm <sup>2</sup> , 2 x 2.5 mm <sup>2</sup>
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		

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Downloads**

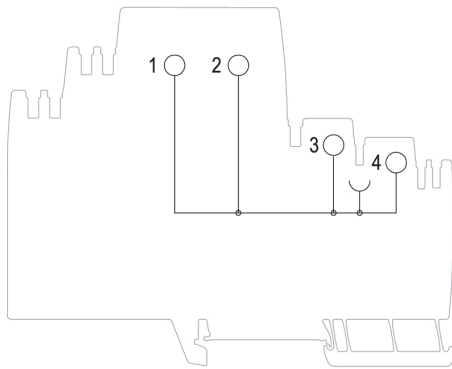
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Manual_maxGUARD</a> <a href="#">Operating instructions</a>

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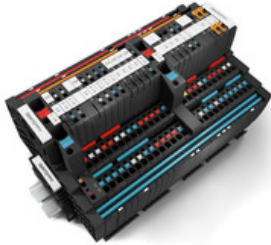
**Drawings**



Schematic circuit diagram

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**Accessories**
**Standard version for machine construction**


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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.	<a href="#">2123000000</a>	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.

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**General ordering data**

Type	AMG DIS EX	Version
Order No.	<a href="#">2495100000</a>	Potential distributor
GTIN (EAN)	4050118504798	
Qty.	10 pc(s).	
Type	AMG OD EX	Version
Order No.	<a href="#">2495090000</a>	Potential distributor
GTIN (EAN)	4050118504781	
Qty.	10 pc(s).	

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## Accessories

Type	AMG PD EX	Version	
Order No.	<a href="#">2495070000</a>	Potential distributor	
GTIN (EAN)	4050118504767		
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.	<a href="#">2460800000</a>
GTIN (EAN)	4050118476224
Qty.	60 pc(s).
Type	ZQV 4N/8
Order No.	<a href="#">1528030000</a>
GTIN (EAN)	4050118332841
Qty.	20 pc(s).
Type	ZQV 4N/9
Order No.	<a href="#">1528070000</a>
GTIN (EAN)	4050118332797
Qty.	20 pc(s).
Type	ZQV 4N/7 BL
Order No.	<a href="#">1528180000</a>
GTIN (EAN)	4050118333114
Qty.	20 pc(s).
Type	ZQV 4N/2 RD
Order No.	<a href="#">2460450000</a>
GTIN (EAN)	4050118476149
Qty.	60 pc(s).
Type	ZQV 4N/50 RD
Order No.	<a href="#">2460730000</a>
GTIN (EAN)	4050118476156
Qty.	5 pc(s).
Type	ZQV 4N/2
Order No.	<a href="#">1527930000</a>
GTIN (EAN)	4050118332766
Qty.	60 pc(s).
Type	ZQV 4N/3 BL
Order No.	<a href="#">1528080000</a>
GTIN (EAN)	4050118333008
Qty.	60 pc(s).

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**Accessories**

Type	ZQV 4N/50 BL
Order No.	<a href="#">1528240000</a>
GTIN (EAN)	4050118333121
Qty.	5 pc(s).
Type	ZQV 4N/10 RD
Order No.	<a href="#">2460740000</a>
GTIN (EAN)	4050118476163
Qty.	20 pc(s).
Type	ZQV 4N/9 BL
Order No.	<a href="#">1528220000</a>
GTIN (EAN)	4050118333107
Qty.	20 pc(s).
Type	ZQV 4N/5 RD
Order No.	<a href="#">2460790000</a>
GTIN (EAN)	4050118476217
Qty.	60 pc(s).
Type	ZQV 4N/10
Order No.	<a href="#">1528090000</a>
GTIN (EAN)	4050118332896
Qty.	20 pc(s).
Type	ZQV 4N/5
Order No.	<a href="#">1527980000</a>
GTIN (EAN)	4050118332759
Qty.	60 pc(s).
Type	ZQV 4N/6 RD
Order No.	<a href="#">2460780000</a>
GTIN (EAN)	4050118476200
Qty.	20 pc(s).
Type	ZQV 4N/2 BL
Order No.	<a href="#">1528040000</a>
GTIN (EAN)	4050118332773
Qty.	60 pc(s).
Type	ZQV 4N/10 BL
Order No.	<a href="#">1528230000</a>
GTIN (EAN)	4050118333138
Qty.	20 pc(s).
Type	ZQV 4N/6
Order No.	<a href="#">1527990000</a>
GTIN (EAN)	4050118332919
Qty.	20 pc(s).
Type	ZQV 4N/5 BL
Order No.	<a href="#">1528140000</a>
GTIN (EAN)	4050118333015
Qty.	60 pc(s).
Type	ZQV 4N/50
Order No.	<a href="#">1528130000</a>
GTIN (EAN)	4050118332902
Qty.	5 pc(s).
Type	ZQV 4N/9 RD
Order No.	<a href="#">2460750000</a>
GTIN (EAN)	4050118476170
Qty.	20 pc(s).

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## Accessories

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

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

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

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

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

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

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

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

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

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**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.	<a href="#">1479000000</a>	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.	<a href="#">1274660000</a>	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).	