

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

Klingenbergstraße 16

D-32758 Detmold

Germany

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www.weidmueller.com



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
Order No.	2122940000
Version	Potential distributor
GTIN (EAN)	4050118425406
Qty.	10 pc(s).

Data sheet

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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		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-25 °C...55 °C	Storage temperature	-40 °C...85 °C

Probability of failure

MTTF	50,000 Years
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output

Connection system	PUSH IN
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General data

Conformal coating	No	Current load per contact point	12 A
Operating temperature	-25 °C...55 °C	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 (cULus)		Certificate no. (cULus)	E258476
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Classifications

ETIM 6.0	EC000897	eClass 6.2	27-14-11-25
eClass 9.1	27-14-11-20		

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ROHS Conform

Downloads

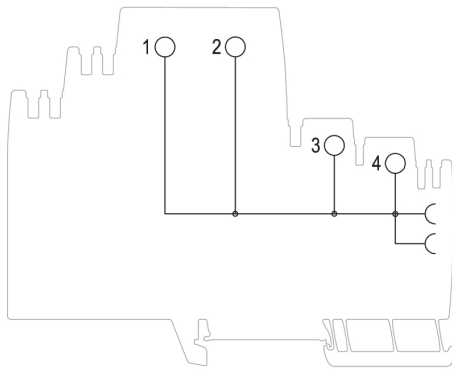
Approval/Certificate/Document of Conformity	Declaration of Conformity
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD_Zuken E3.S
Engineering Data	STEP
User Documentation	Operating instructions Manual_maxGUARD Operating instructions

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Drawings



Schematic circuit diagram