

**maxGUARD
AMG OD**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
Fon: +49 5231 1429-0
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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 OD
Order No.	2122910000
Version	Potential distributor
GTIN (EAN)	4050118425185
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	-25 °C...55 °C	Storage temperature	-40 °C...85 °C
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Probability of failure

MTTF	50,000 Years
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Input

Connection system	PUSH IN
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output

Connection system	PUSH IN
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General data

Current load per contact point	12 A	Operating temperature	-25 °C...55 °C
Protection degree	IP20	Total current load per potential	12 A


Connection data (input)

Connection system	PUSH IN
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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 (++) / -, 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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Approvals



ROHS

Conform

Downloads

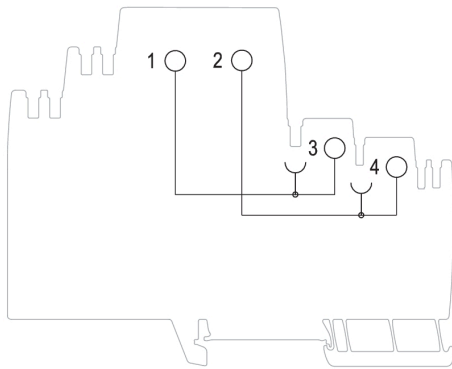
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Operating instructions

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Drawings



Schematic circuit diagram