

Data sheet

maxGUARD AMG OD

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 OD
Order No.	2122910000
Version	Potential distributor
GTIN (EAN)	4050118425185
Qty.	10 pc(s).

Creation date 21 April 2020 10:54:45 CEST

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

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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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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	No	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 (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

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

DownloadsApproval/Certificate/Document of
Conformity[Declaration of Conformity](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

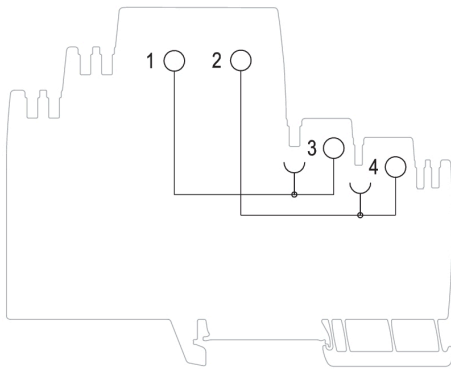
[STEP](#)

User Documentation

[Operating instructions / leaflet](#)
[Manual_maxGUARD](#)

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Drawings

Schematic circuit diagram



SCATTERGOOD & JOHNSON LTD

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