

AMG FIM-0 EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Supply module, 24 V DC
Order No.	2082530000
Type	AMG FIM-0 EX
GTIN (EAN)	4050118419702
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	96.5 mm	Depth (inches)	3.799 inch
Height	125 mm	Height (inches)	4.921 inch
Width	12.2 mm	Width (inches)	0.48 inch
Net weight	64.75 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...55 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	55 °C
Continuous operating temp., min.	-40 °C	Continuous operating temp., max.	70 °C

Input

Connection system	PUSH IN	DC input voltage range	18...30 V DC
Input fuse (internal)	No	Rated input voltage	24 V DC
max. admissible residual ripple at the input	100 mVpp		

Output

Connection system	PUSH IN
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General data

Conformal coating	Yes	Control inputs	No
Protection degree	IP20	Surge voltage category	III

Insulation coordination

Surge voltage category	III
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Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	18
Conductor cross-section, flexible , min.	0.75 mm ²	Conductor cross-section, rigid , max.	10 mm ²
Conductor cross-section, rigid , min.	0.75 mm ²	Connection system	PUSH IN
Wire connection cross section, flexible (input), max.	16 mm ²		

Connection data (output)

Connection system	PUSH IN
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Approbations

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

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Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E258476
Certificate no. (cULusEX)	E470829

Downloads

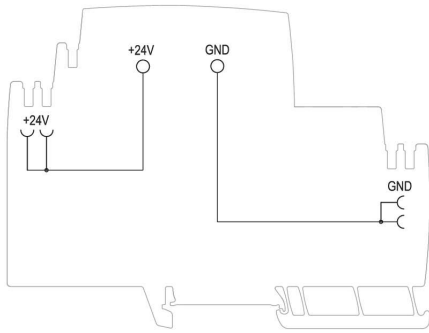
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
User Documentation	Manual_maxGUARD Operating instructions
Catalogues	Catalogues in PDF-format

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Drawings



Schematic circuit diagram