

**maxGUARD  
AMG FIM-0**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
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 FIM-0
Order No.	<a href="#">2081870000</a>
Version	Feed-in module, 24 V DC
GTIN (EAN)	4050118419443
Qty.	1 pc(s).

**Data sheet**

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**Technical data**

**Dimensions and weights**

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

Control function	No	Control inputs	No
Operating temperature	-25 °C...55 °C	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 <sup>2</sup>	Conductor cross-section, rigid , max.	10 mm <sup>2</sup>
Conductor cross-section, rigid , min.	0.75 mm <sup>2</sup>	Connection system	PUSH IN
Number of terminals	2 (+,-)	Screwdriver blade	1.2 x 6.5
Wire connection cross section, flexible (input), max.	16 mm <sup>2</sup>		

**Connection data (output)**

Connection system	PUSH IN
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**Approvals**

Institute (cULus)



Certificate no. (cULus)

E258476

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**Classifications**

ETIM 6.0	EC000897	eClass 6.2	27-37-15-02
eClass 9.1	27-14-11-20		

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

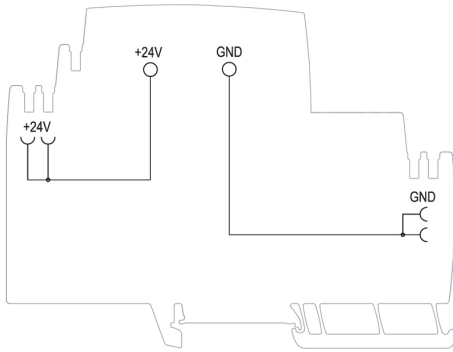
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Operating instructions</a>

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**Drawings**



Schematic circuit diagram