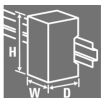
TGD FIM-C

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com





Modern machines and plants require load monitoring systems capable of communication. topGUARD - the IO-Link-capable load monitoring system - offers remote control options, full data transparency and reliable protection of the 24-volt system voltage. topGUARD is the ideal complement to IO-Link capable PROtop power supplies from innovative power management systems. It follows the innovative approach to integrated potential distribution, which saves space and time in device installation. A communication module simply needs to be connected and an IODD file integrated in order to carry out parameterisation and control, and to provide all operating data.

General ordering data

Version	Supply module
Order No.	2625000000
Type	TGD FIM-C
GTIN (EAN)	4050118689419
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	85.5 mm	Depth (inches)	3.366 inch
Height	125 mm	Height (inches)	4.921 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	128 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...70 °C

Probability of failure

SIL in compliance with IEC 61508	None

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Input

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

Output

Rated current (per channel)	40 A	Surge protection	Suppressor diode

General data

Conformal coating	No	
MTTF	According to Standard	SN 29500
	Operating time (hours), min.	2.479 Mh
	Ambient temperature	40 °C
	Input voltage	24 V
	Duty cycle	100 %
Operating temperature	-25 °C...70 °C	
Surge voltage category	III	

Insulation coordination

Surge voltage category	III

Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	18
Conductor cross-section, flexible , min.	0.75 mm²	Conductor cross-section, rigid , max.	10 mm²
Conductor cross-section, rigid , min.	0.75 mm²	Connection system	PUSH IN
Wire connection cross section, flexible (input), max.	16 mm²		

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Signalling

LED green/red	Station ok (slow flashing green, 1.5 Hz), Device ok (fast flashing green, 13 Hz), Station error (slow flashing red, 1.5 Hz), Device error (fast flashing red, 13 Hz)	Yellow LED	Address is assigned, Addresses being assigned (slow flashing, 1.5 Hz), Address error (fast flashing, 13 Hz)

Approvals

Certificate no. (cULus)	E258476	Institute (cULus)	CULUS

Classifications

ETIM 6.0	EC002057	ETIM 7.0	EC002057
ETIM 8.0	EC002057	ECLASS 9.0	27-37-10-16
ECLASS 9.1	27-37-10-16	ECLASS 10.0	27-37-10-16
ECLASS 11.0	27-37-10-16		

Approvals

Approvals	c UL us LISTED
UL File Number Search	E258476

Downloads

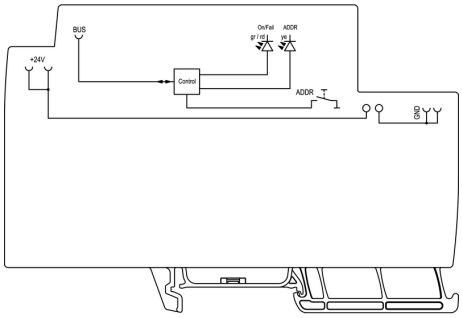
Approval/Certificate/Document of Conformity	decleration of conformity
Engineering Data	STEP
User Documentation	Operating instructions / leaflet
Catalogues	Catalogues in PDF-format

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Drawings



Schematic circuit diagram