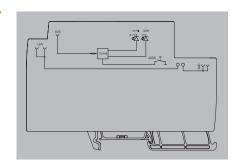
topGUARD

topGUARD - power-feed module

TGD FIM-C





Technical data

п	ınpı	п
	Innu	

Input fuse (internal)

DC input voltage range

Rated input voltage max. admissible residual ripple at the input

General data

Protection degree

Surge protection input, bus Overvoltage category

Signalling Yellow LED

LED green/red

Connection data Number of terminals

Wire cross-section, AWG/kcmil min/max

Wire cross-section, flexible min/max

Wire cross-section, rigid min/max

Screwdriver blade

Approvals

Approvals Note

Ordering data

Rated current

Accessories

No
1830 V DC
24 V DC
100 mVpp
IP20
Suppressor diode
III
Address is assigned, Addresses being assigned (slow flashing, 1.5 Hz),
Address error (fast flashing, 13 Hz)
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)
2 (+,-)
186
0.7516 mm ²
0.7510 mm ²
1.2 x 6.5
CE; cULus

TGD FIM-C	1	2625000000

Qty.	Order No.
1	2587360000
	Qty. 1

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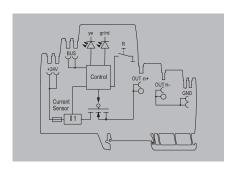
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topGUARD

topGUARD - load monitoring adjustable

TGD ELM-12





Technical data

Input fuse (internal)

DC input voltage range Rated input voltage

max. admissible residual ripple at the input

Output

Connection system

Triggering characteristic

Adjustable range

Adjustable rated current Capacitive load

Function key

General data

Relay to activate the output

Protection degree

Surge protection input, output, bus

Overvoltage category

Signalling Yellow LED

LED green

Red LED

Connection data

Number of terminals

Wire cross-section, AWG/kcmil min/max

Wire cross-section, flexible min/max Wire cross-section, rigid min/max

Screwdriver blade

Approvals

Approvals

Note

Ordering data

Rated current	
	12 A
Note	

Accessories

Yes
1830 V DC
24 V DC
100 mVpp
PUSH IN
see characteristic curve
4-12 A
Yes
20,000 μF
Activation time < 3s, Reset, ON
No
IP20
Suppressor diode

Address is assigned, Address is being assigned (flashing) Operation (failure-free), Early warning: I Out > 90% I Rated (flashing) Load monitoring has disconnected, Load monitoring has triggered (flashing), Internal error (rapid flashing)

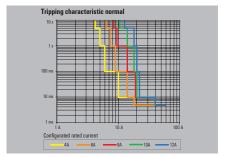
4 (++ / -)
2612
0.142.5 mm ²
0.142.5 mm ²

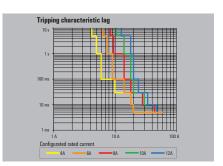
CE: cULus

0.6 x 3.5

Туре	Qty.	Order No.
TGD ELM-12	1	2624990000

Туре	Qty.	Order No.
AMG DIS	10	2123050000
AMG MD	10	2122930000
AMG OD	10	2122910000
AMG PD	10	2122920000





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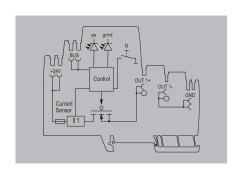
topGUARD - Adjustable load monitoring

TGD ELM-6

18...30 V DC

CE: cULus





Technical data

Input fuse (internal)

DC input voltage range

Rated input voltage

max. admissible residual ripple at the input

Output

Connection system

Triggering characteristic

Adjustable range Capacitive load

Adjustable rated current

Function key

General data

Relay to activate the output

Protection degree

Surge protection input, output, bus

Overvoltage category

Signalling Yellow LED

LED green

Red LED

Connection data

Number of terminals

Wire cross-section, AWG/kcmil min/max

Wire cross-section, flexible min/max Wire cross-section, rigid min/max

Screwdriver blade

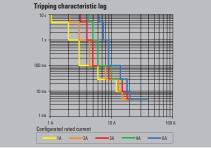
Approvals

Approvals

Note

24 V DC
100 mVpp
PUSH IN
see characteristic curve
1- 6 A
15,000 μF
Yes
Activation time < 3s, Reset, ON
No
IP20
Suppressor diode
III
Address is assigned, Address is being assigned (flashing)
Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)
Load monitoring has disconnected, Load monitoring has triggered
(flashing), Internal error (rapid flashing)
2 (+ / -)
2612
0.142.5 mm ²
0.142.5 mm ²
0.6 x 3.5

100 ms 10 ms 1 ms 1 A 100 A Configurated rated current 1 A 2A 3A 4A 6A Tripping characteristic lag			
1 ms 1 10 A 100 A Configurated rated current 1A 2A 3A 4A 6A	100 ms		
1 ms 1 10 A 100 A Configurated rated current 1A 2A 3A 4A 6A			
1	10 ms		
1A —2A —3A —4A —6A	1 A		100 A
Tripping characteristic lag			
Tripping characteristic lag			
10 s			



Ordering data

•	
Rated current	
	6 A
Note	

Accessories

Note			

Туре	Qty.	Order No.
TGD ELM-6	1	2624980000

Туре	Qty.	Order No.
AMG DIS	10	2123050000
AMG MD	10	2122930000
AMG OD	10	2122910000
AMG PD	10	2122920000

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topGUARD

topGUARD - Load monitoring class2

TGD ELM-4 CL2

Yes

18...30 V DC

24 V DC

100 mVpp

PUSH IN

 $4.700 \, \mu F$

Yes

IP20 Suppressor diode

III

2 (+ / -)

26...12

0.6 x 3.5

CE; cULus

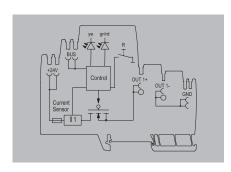
0.14...2.5 mm² 0.14...2.5 mm²

see characteristic curve

Activation time < 3s, Reset, ON

(flashing), Internal error (rapid flashing)





Technical data

Input fuse (internal)

DC input voltage range

Rated input voltage

max. admissible residual ripple at the input

Output

Connection system

Triggering characteristic

Capacitive load

Adjustable rated current Function key

Function key

General data

Relay to activate the output

Protection degree

Surge protection input, output, bus

Overvoltage category Signalling

Yellow LED

LED green

Red LED

Connection data

Number of terminals

Wire cross-section, AWG/kcmil min/max

Wire cross-section, flexible min/max

Wire cross-section, rigid min/max Screwdriver blade

Approvals

Note

Ordering data

Rated current	
	4 A
Note	

Туре	Qty.	Order No.
TGD ELM-4 CL2	1	2656670000

Address is assigned, Address is being assigned (flashing)

Operation (failure-free), Early warning: I Out > 90% I Rated (flashing)

Load monitoring has disconnected, Load monitoring has triggered

Accessories

ote		

Qty.	Order No.
10	2123050000
10	2122930000
10	2122910000
10	2122920000
	10 10 10

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