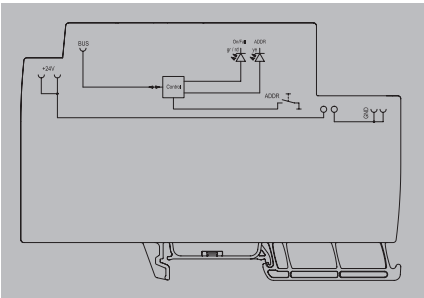


topGUARD

topGUARD – power-feed module

TGD FIM-C



Technical data

Input
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

No
18...30 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 (+,-)
18...6
0.75...16 mm²
0.75...10 mm²
1.2 x 6.5
CE; cULus

Ordering data

Rated current
Note

Type	Qty.	Order No.
TGD FIM-C	1	2625000000

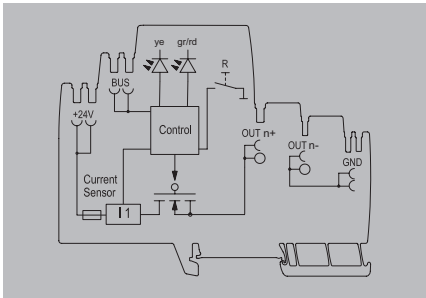
Accessories

Note

Type	Qty.	Order No.
PRO COM IO-LINK	1	2587360000

topGUARD – load monitoring adjustable

TGD ELM-12



Technical data

Input
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
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	

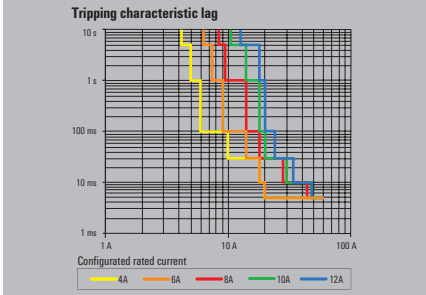
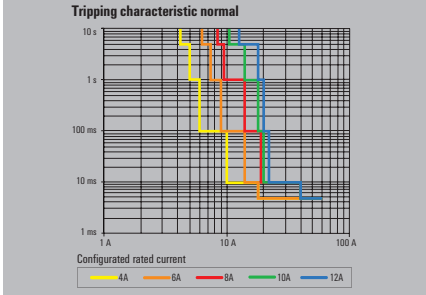
Accessories

Note

Yes
18...30 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
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)
4 (++) / -)
26...12
0.14...2.5 mm²
0.14...2.5 mm²
0.6 x 3.5
CE; cULus

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

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



topGUARD

topGUARD – Adjustable load monitoring

Technical data

Input
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
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	6 A
Note	

Accessories

Note

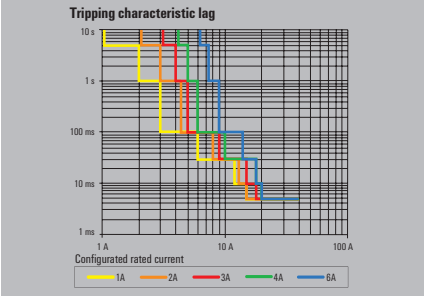
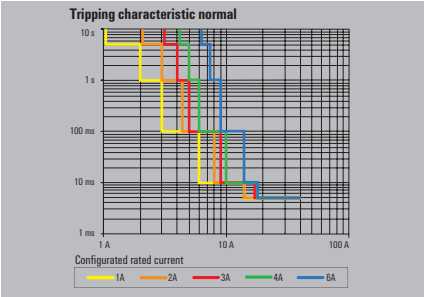
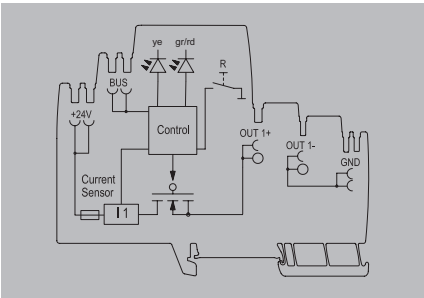
TGD ELM-6



Yes
18...30 V DC
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 (+ / -)
26...12
0.14...2.5 mm²
0.14...2.5 mm²
0.6 x 3.5
CE; cULus

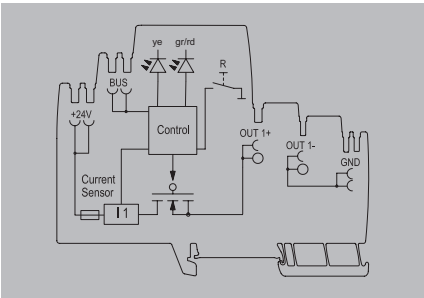
Type	Qty.	Order No.
TGD ELM-6	1	2624980000

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



topGUARD – Load monitoring class2

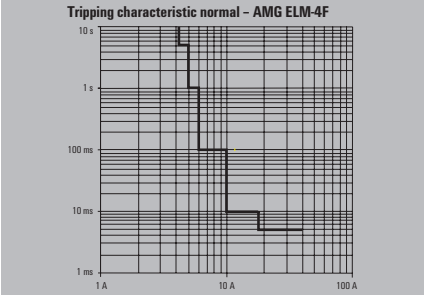
TGD ELM-4 CL2



Technical data

Input
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
Approvals
Note

Yes
18...30 V DC
24 V DC
100 mVpp
PUSH IN
see characteristic curve
4.700 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 (+ / -)
26...12
0.14...2.5 mm²
0.14...2.5 mm²
0.6 x 3.5
CE; cULus



Ordering data

Rated current	4 A
Note	

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

Accessories

Note

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