Extension module
CMGA-E1
Part number: 1680826
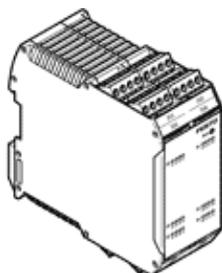
Data sheet

Feature	Value
Number of digital logic inputs	12
Performance level (PL)	up to Category 4, Performance Level e
Safety Integrity Level (SIL)	SIL 3
Certificate issuing department	TÜV Rheinland
Probability of Failure per Hour in [1/h].	2.6E-09
Proof test interval	20 a
Digital inputs, number	6
Digital inputs, number OSSD-compatible	8
Digital inputs, nominal operating voltage DC	24 V
Digital inputs, nominal current	20 mA
Specification, logic input	Based on IEC 61131-2
Logic input working range	20.4 ... 28.8 V
Design of the digital output	10 safe digital inputs / outputs 2 signal outputs 2 pulse outputs
Digital outputs, nominal current of safe digital outputs	250 mA
Digital outputs, number of signal outputs	2
Digital outputs, signal output nominal current	100 mA
Digital outputs, number of pulse outputs	2
Digital outputs, pulse output nominal current	<= 250 mA
Max. current, digital logic outputs	250 mA
Nominal DC voltage, logic power supply	24 V
Permissible range, logic voltage	-15% - 20%
Nominal operating voltage DC	24 V
Nominal current, logic supply	<= 2 A
Power consumption 24 V	<= 3.8 W
Encoder interface input, function	No
Terminal cross-section	<= 1.5 mm2
Electrical connection	Plug-in
Display	LED
Control elements	None
Protection class	IP20
Ambient temperature	0 ... 50 °C
Storage temperature	-10 ... 70 °C
Shock resistance	as per EN 60068-2-29
Vibration resistance	as per EN 60068-2-6
Product weight	300 g
Dimensions W x L x H	45 mm x 115 mm x 100 mm
Mounting type	with top-hat rail
Assembly position	Free convection Vertical
CE mark (see declaration of conformity)	to EU directive for machinery
Authorisation	C-Tick
Materials note	Conforms to RoHS Contains PWIS substances