



Connection, asi, of RMQ22, for surface mounting enclosure



Powering Business Worldwide™

**Part no.** RMQ-M1C-ASI  
**Catalog No.** 032314  
**Alternate Catalog No.** RMQ-M1C-ASIQ  
**EL-Nummer (Norway)** 4521521

### Delivery program

Product range			Accessories
Accessories			AS-Interface
Basic function accessories			AS-Interface connection
Fixing			Front fixing for RMQ-Titan
			External connections: 4 inputs/4 outputs For contact and lamp socket elements. RMQ-Titan surface mounting enclosures: M22-I3, M22-I4, M22-I6
Connection to SmartWire-DT			no

### Technical data

#### General

Standards			EN 50081-1 EN 50082-1
Radio interference suppression			EN 55011, EN 55022
Limit value class			A
Degree of Protection			IP20
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +55
Mechanical shock resistance		g	> 30 Shock duration 11 ms
Vibration to IEC 60068-2-27 (amplitude 1 mm)		Hz	10 55
Dimensions		mm	92 x 46 x 30
Weight		kg	0.1
Fixing			Front fixing for RMQ-Titan
Mounting position			As required

#### Power supply

Rated voltage to AS-Interface Specification		V DC	26.5 - 31.6
Power supply			Completely from the AS-Interface cable
Addressing			Via connection to AS-Interface cable
AS-Interface			Protected against polarity reversal
Rated operational current at full load		mA	120
Rated operational current when idle (no I, O set)		mA	30
Status LEDs			AS-Interface voltage: green LED

#### Inputs

Voltage range		V DC	24 - 30
Rated current per input		mA	3.5
High signal level		V	≥ 15
Length of connecting cables		cm	200

#### Outputs

Outputs, protected against short-circuit		Number	4
Voltage range		V DC	24 V DC (+10/-15%)
Max. current carrying capacity			
Σ 3 external outputs			60
Length of connecting cables		cm	200
Profile			S-7.0

Specification		2.0
Addresses	Number	31

## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	0
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	1.5
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Accessories for control circuit devices (EC002024)			
Type of electrical accessory			Other
Type of mechanical accessory			Other

## Dimensions

