

FEATURES

- One output channel to control 12-24VDC shutters.
- 12-24VDC external power supply needed.
- DIN rail unit assembly (EN 50022), with snap fit clamp.
- Size 90 x 60 x 35 mm (2 DIN units).
- CE directives compliant.

1. Shutter output channel 2. Shutter control input 3. External power supply

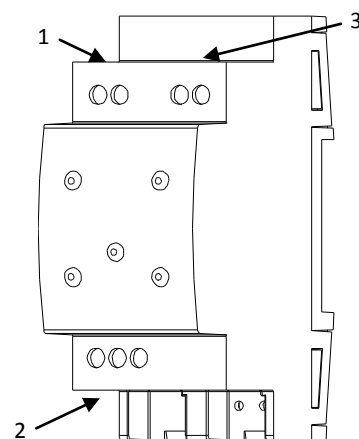


Figure 1: Shutter Coupler 1CH

GENERAL SYSTEM SPECIFICATIONS		
Concept		Description
Type of device		Electric operation control device
External power supply		12 to 24VDC
Working temperature		-10°C to +60°C
Storage temperature		-20°C to +70°C
Ambient humidity (relative)		3 to 95% RH (no condensation)
Storage humidity (relative)		3 to 95% RH (no condensation)
Complementary characteristics		Class B
Safety class		II
Operation type		Continuous operation
Device action type		Type 1
Electrical solicitation period		Long
Type of protection		IP20, clean ambient
Assembly		Independent control assembly device to be mounted inside of electrical panels with DIN rail (EN 50022)
Weight		59g.
PCB CTI index		175 V
Enclosure		PC FR V0 halogen free
CONTROL INPUT SPECIFICATIONS		
Input voltage		230VAC ~ 50/60Hz
Connection type		Terminal block (screw)
Recommended cable section		0,5mm² to 2,5mm² (26-12 AWG)
Cable type		Stranded or solid wire
Maximum response time		20ms
SHUTTER OUTPUT CHANNEL SPECIFICATIONS		
Output voltage		12-24VDC
Maximum current		8A
Maximum power		192W
Recommended cable section		0,5mm² to 4mm² (20-12 AWG)
Cable type		Stranded or solid wire
Expected life	Mechanical	10 million operations (6cpm)
	Electrical	100.000 cycles

ASSEMBLY DIAGRAM

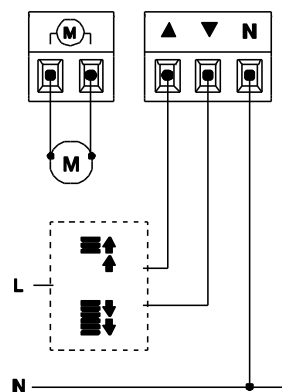
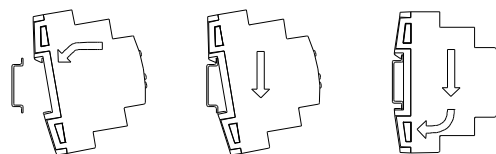


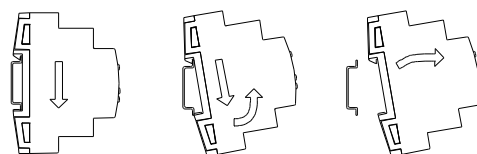
Figure 2: wiring example

ATTACHING TO DIN RAIL

Attaching Shutter Coupler 1CH to DIN rail:



Removing Shutter Coupler 1CH from DIN rail:



SAFETY INSTRUCTIONS



- The external power supply output voltage must never exceed the shutter operating voltage specified by the manufacturer. Not following this recommendation could damage the motor.
- Installation should only be performed by qualified electricians.
- Once installed, the device must not be accessible from the outside.