

Features

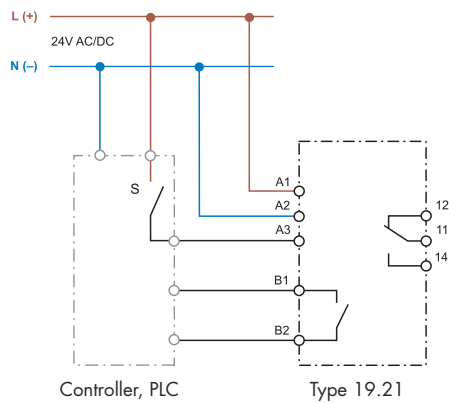
Auto/Off/On output module 10 A

- Auto/Off/On output module intended to permit the automatic control of pumps, blowers or motor groups. Or, in the case of installation, maintenance or failure, to permit the load equipment to be turned "Off" or controlled under "On" control
- Ideal interface for PLC and electronic systems
- Only 11.2 mm wide
- 3 function selector switch:
 - Auto: works as a monostable relay (following A3 input)
 - Off: relay permanently OFF
 - On: relay permanently ON
- 24V AC/DC supply and module input
- 35 mm rail (EN 60715) mounting

Application examples:

- control of pumps, blowers or motor groups
- primarily suited to Industrial control systems

Wiring diagram

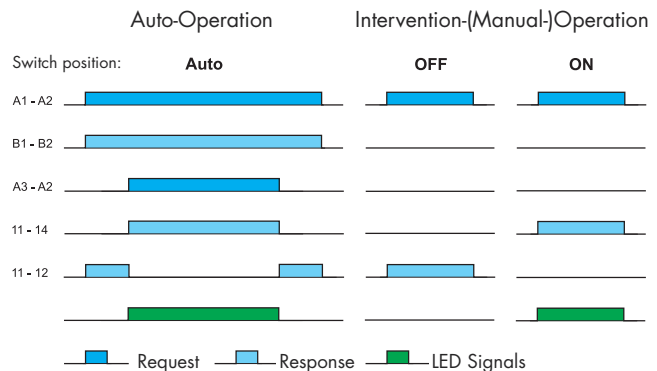


For outline drawing see page 11

19.21.0.024.0000



- 1 CO output contact
- 11.2 mm wide
- Feedback contact



B1-B2 feed back information to the controller for Auto-operation
A3-A2 From the controller requested operation

Contact specification		
Contact configuration		1 CO (SPDT)
Rated current/Maximum peak current	A	10/15
Rated voltage/Maximum switching voltage V AC		250/400
Rated load AC1	VA	2,500
Rated load AC15 (230 V AC)	VA	500
Single phase motor rating (230 V AC)	kW	0.44
Breaking capacity DC1 (24/110/220 V)	A	10/0.3/0.12
Minimum switching load	mW (V/mA)	300 (5/5)
Standard contact material		AgSnO ₂
Feedback contact specification (terminals B1-B2)		
Contact configuration		1 NO (SPST-NO)
Maximum current	mA	0.3
Rated voltage	V AC/DC	24
Supply & Input specification		
Nominal voltage (U _N)	V AC (50/60 Hz)	24
	V DC	24
Rated power	VA (50 Hz)/W	0.6 (50 Hz)/0.4
Operating range	AC	(0.8...1.1) U _N
	DC	(0.8...1.1) U _N
Technical data		
Ambient temperature range	°C	-20...+50
Protection category		IP 20
Approvals (according to type)		CE PG

Features

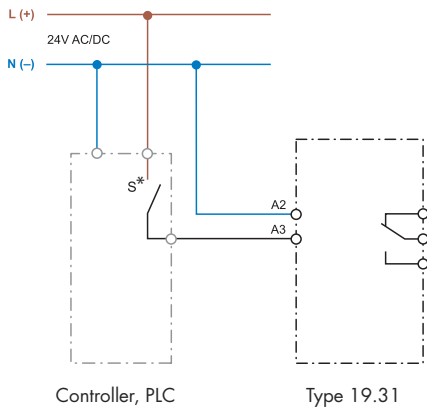
1-channel status indicating module

- 1-channel indicating module to provide visual indication of BMS/DDC/PLC input or output status with immediate indication of its importance or urgency according to the colour of the LED. A change-over output contact, following the input to the module, provides for further control or status feedback. Commonly used in building management systems
- 24V AC/DC input
- 35 mm rail (EN 60715) mounting

Application examples:

- status reports of heating installations, pumps, blowers or motor groups
- error reports such as danger of frost or blocked filter
- fire alarm

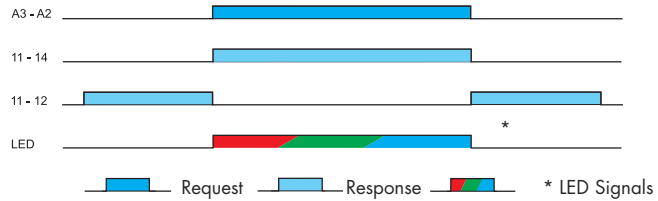
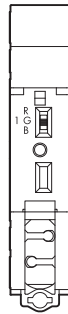
Wiring diagram



NEW 19.31.0.024.0000



- LED indicator, 3 colours: Red, Green, Blue
- 1 CO control
- 17.5 mm wide



A3-A2 Status signal of the control panel in the case of faulty operation, normal operation or alarm.
* The LED colour red, green and blue is freely selectable with a switch on the back side for the signal input on A3-A2

The LED colour is selected by the dip-switch on the rear face of the module, prior to mounting on the 35 mm rail.

The colour is determined by the system designer according to the urgency or importance of the signal.

Commonly, the following levels of importance or urgency are assigned to the Red, Green and Blue colours according to EN 60073:

- Red LED: Error
- Green LED: In operation
- Blue LED: Alarm (fire or similar)

For outline drawing see page 11

Contact specification		
Contact configuration		1 CO (SPDT)
Rated current/Maximum peak current	A	1/3
Rated voltage/Maximum switching voltage V AC		125/250
Rated load AC1	VA	125
Rated load AC15 (230 V AC)	VA	25
Single phase motor rating (230 V AC)	kW	—
Breaking capacity DC1 (24/110/220 V)	A	1/0.3/—
Minimum switching load	mW (V/mA)	10 (0.1/1)
Standard contact material		AgNi + Au
Input specification		
Nominal voltage (U _N)	V AC (50/60 Hz)	24
	V DC	24
Rated power	VA (50 Hz)/W	0.4 (50 Hz)/0.25
Operating range	AC	(0.8...1.1) U _N
	DC	(0.8...1.1) U _N
Technical data		
Ambient temperature range	°C	-20...+50
Protection category		IP 20
Approvals (according to type)		CE