

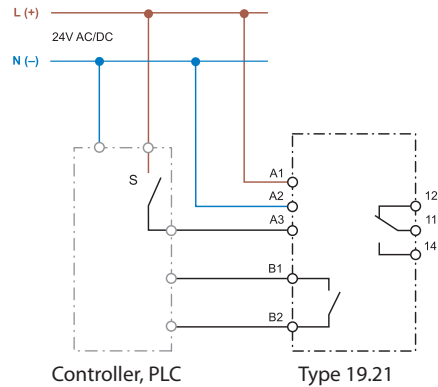
Auto/Off/On output module 10 A

- 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 turned "On"
- 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
- 24 V 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 9

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 | 2500 |
| 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 | 300 |
| 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 | 0.6/0.4 |
| 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 |

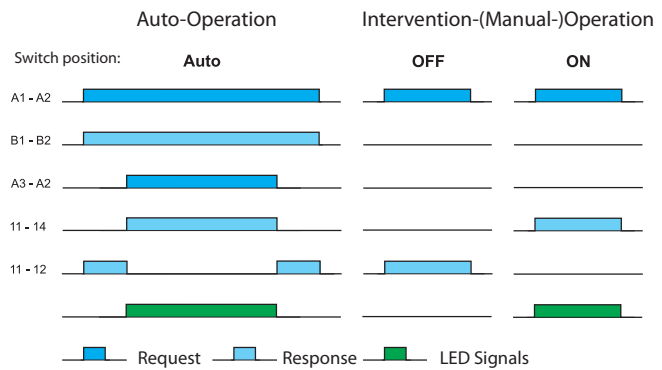
Approvals (according to type)



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



B1-B2 feedback to the controller signaling Auto-operation
A3-A2 "Auto" signal from Controller

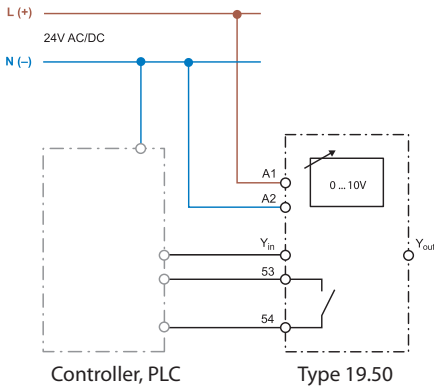
Analogue override module - Auto/Hand (0...10)V

- Analogue output module intended to provide, by the selection switch on the front panel, a (0...10)V output, automatically or by hand.
- With the selector switch in position "A" (Automatic) the (0...10)V signal is derived from the controller.
- In position "H" (Hand) the controller signal is ignored and the (0...10)V signal is derived directly from the potentiometer setting on the face of the module
- The level of the (0...10)V output signal is displayed by 3 green LEDs, set at > 25%, > 50% and > 75%.
- 24 V AC/DC supply
- 35 mm rail (EN 60715) mounting

Application examples:

- permits the direct control of proportional valves under exceptional circumstances or where the automatic controller has failed

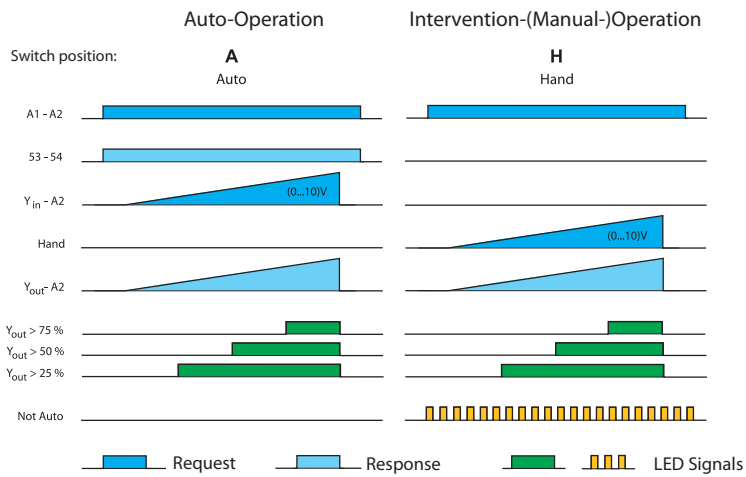
Wiring diagram



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- Analogue output (0...10)V, plus 1 feedback output contact
- 17.5 mm wide
- LED indicator



53-54 feedback to the controller signaling Auto-operation
 Yin-A2 variable (0...10)V DC from the controller
 Hand (0...10)V DC value set by the potentiometer

For outline drawing see page 9

(0...10)V Signal specification (terminal Y-in)

| | | |
|----------------------|------|---|
| Input control signal | V DC | 0...10 (Imax 20 mA - short-circuit protected) |
| Green LED 25% | | > 2.5 V |
| Green LED 50% | | > 5 V |
| Green LED 75% | | > 7.5 V |

Feedback output specification (terminals 53-54)

| | | |
|---------------------------|---------|----------------|
| Output configuration | | 1 NO (SPST-NO) |
| Maximum / Minimum current | mA | 100/10 |
| Rated voltage | V AC/DC | 24 |

Supply & Input specification

| | | |
|----------------------|-----------------|---------------|
| Nominal voltage (UN) | V AC (50/60 Hz) | 24 |
| | VDC | 24 |
| Rated power AC/DC | VA (50 Hz)/W | 0.9/0.7 |
| Operating range | AC | (0.8...1.1)UN |
| | DC | (0.8...1.1)UN |

Technical data

| | | |
|---------------------------|----|-----------|
| Ambient temperature range | °C | -20...+50 |
| Protection category | | IP 20 |

Approvals (according to type)

