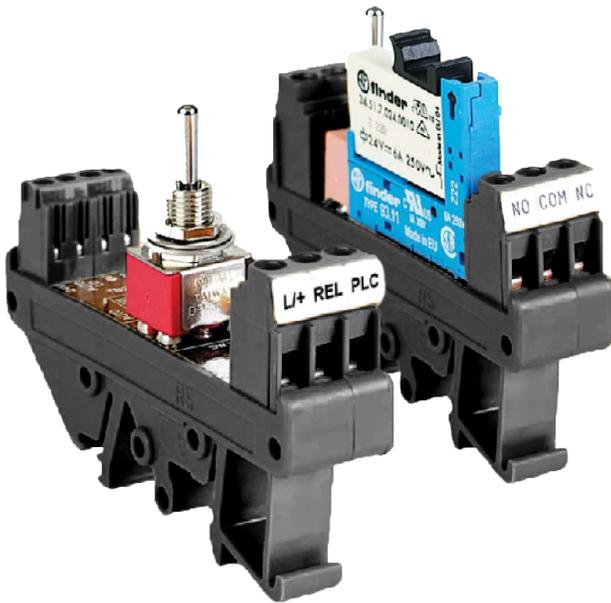


Emphatec SigNext®

On-Off-Auto Switch Modules



There are many process control applications where local control or disabling of a relay might be required. Often panel mounted rotary switches are used to achieve this and there are some DIN rail mounted relay modules available with an On-Off-Auto switch built-in. These modules tend to use relays soldered to the PCB as opposed to socket mounted.

Weidmuller now offers 2 DIN rail mounted modules that can be used in this application. The first is a switch module that can be used with any relay with a coil rated up to 120V, 5A or 30Vdc, 2A. A unique feature of this module is that it provides two 24Vdc digital outputs - one that is active high when the switch is in the "Auto" position and the other that is active high when the switch is in either the "On" or "Off" positions. These outputs can be interfaced to a PLC or DCS so that the control system is aware of the status of the switch module.

The other module is a relay with the On-Off-Auto switch built-in. Features include a socket mounted relay, compact DIN rail mounted housing and a coil status LED. The relay contact is rated 230V, 6A max. while the coil is rated 24Vdc.

Features

- Relay module with socket mounted 6A, 1 form C relay and on board On-Off-Auto switch.
- On-Off-Auto switch module for use with any relay rated up to 120V, 5A.
- Switch module features 24Vdc status outputs so PLC or DCS can monitor the position of the switch.

Ordering Data

Type	Order Number
Emphatec SigNext® On-Off-Auto Switch Modules	330221/330222

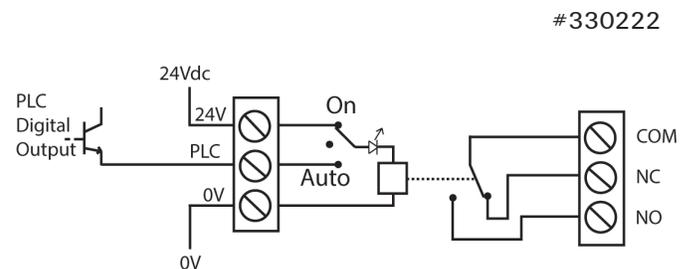
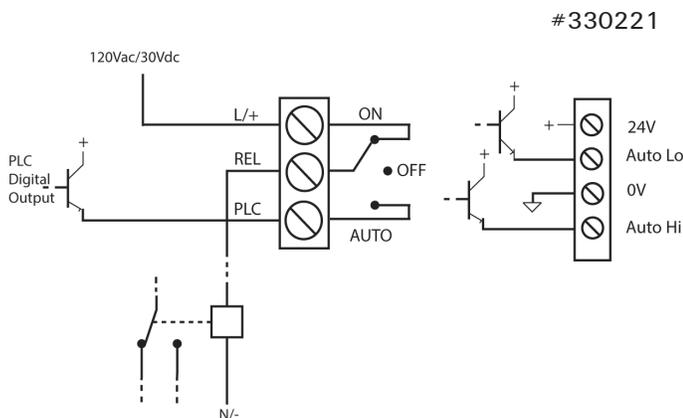
Technical Data

Emphatec SigNext® On-Off-Auto Switch Modules

Order Number	330221
Switch rating:	230Vac @ 5A / 30Vdc @ 2A max.
Switch terminations:	26 - 12AWG
Status output rating:	24Vdc nom., 30Vdc max., 40mA max.
Status terminations:	28 - 14AWG
Dimensions:	70 x 16.2 (width on DIN rail) x 56mm
Approvals:	cULus listed E334979

Emphatec SigNext® On-Off-Auto Switch Modules

Order Number	330222
Coil rating:	24Vdc nom. @7mA, 30Vdc max. approx. 10Vdc holding, 2.2Vdc drop-out
Contact rating:	230Vac / 30Vdc @6A max.
Contact configuration:	1 form C (SPDT)
Contact material:	AgNi
Switching time:	approx. 5ms operate, 3ms release
Terminations:	26 - 12AWG
Dimensions:	70 x 16.2 (width on DIN rail) x 58mm
Approvals:	cULus Listing E334979



Auto Lo: Digital output is off when switch is in "Auto" position, on when in "On" or "Off" positions. Sourcing (open emitter) transistor rated 30Vdc, 40mA maximum.

Auto Hi: Digital output is on when switch is in "Auto" position, off when in "On" or "Off" positions. Sourcing (open emitter) transistor rated 30Vdc, 40mA maximum.

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Subject to technical changes

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