

ASCO 918 Lighting Contactors Control Modules

Optional Solid-state Control Modules for ASCO 918 Control Applications

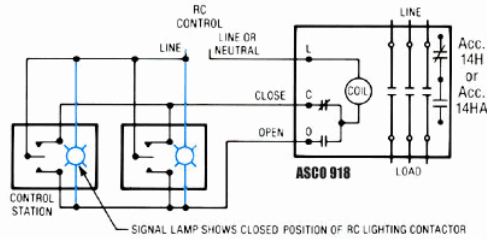
Optional solid-state control modules are available to allow control of ASCO 918 lighting contactors directly from energy management systems, microprocessors, photoelectric cells, timers and similar control devices. They permit programmable time scheduling of loads, automatic control of lighting near windows to allow the use of natural ambient lighting levels and manual override of all lighting circuits from any number of local control stations or from a central location.

These optional modules are integrally mounted onto the base of the lighting contactor. Currently, modules are available for two-wire control (Accessory 47), three-wire control (Accessory 48) and stop/start control (Accessory 49). Standard control voltages include 24 volts, 60 Hz; 120 volts, 277 volts, 60 Hz, and 24 volts DC.

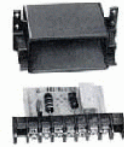
The optional auxiliary modules (Accy. 47, 48, 49) are useful:

- When the control station is located at a distance greater than allowable ASCO 918 line run (see Control Line Run table).
- When controlling device doesn't have adequate current-carrying capability to control RC (see Inrush Current/Minimum Fuse table).
- When the controlling device is a single-pole single-throw contact, which requires a 2-wire control line.
- When Form 3 (start-stop) control is required.

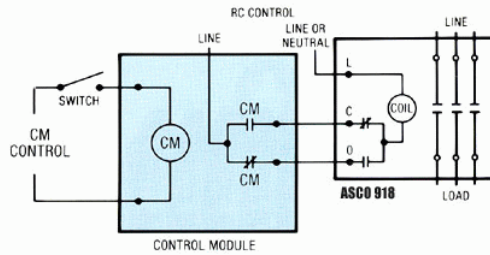
Standard Wiring



Accessory 47 Two Wire Control

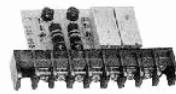


Accessory 47

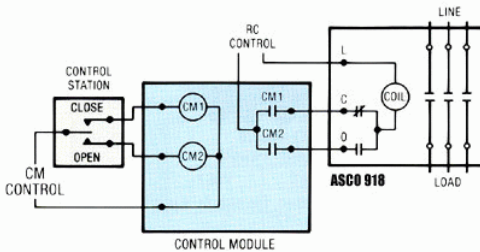


Accessory 47 is an auxiliary module for 2-wire control of the ASCO 918. The module must be energized to close the ASCO 917 contacts, and de-energized to open the ASCO 918 contacts. Therefore, use a single-pole, maintained-type control station.

Accessory 48 Three Wire Control

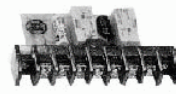


Accessory 48

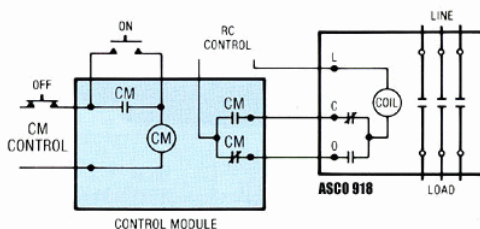


Accessory 48 is an auxiliary module for 3-wire control of the ASCO 918. One terminal must be energized to open the ASCO 918 contacts; the other terminal must be energized to close the ASCO 918 contacts. If neither or both terminals are energized, no output will occur. Therefore, use a single-pole, double-throw, momentary-type control station to operate the module.

Accessory 49 Stop/Start Control



Accessory 49



Accessory 49 is an auxiliary control module for Form 3 (start-stop) control of the ASCO 918. This module must be energized to close the ASCO 918 contacts; the relay must be de-energized to open the ASCO 918 contacts. Therefore, use one normally open and one normally closed separate control stations.