



# LIGHTING CONTROLS

## ABB LIGHTING CONTACTORS A16 SERIES

### DESCRIPTION

The **A16 Series** Lighting Contactors are electrically-held four-pole contactors available with normally closed or normally open contacts. The contacts are rated for 30A general purpose and ballast, or 20A tungsten. Compact size and surface or DIN rail mounting make installation easy. The normally closed style keeps the lights on should the control circuit fail.

### FEATURES

- *DIN rail or surface mounting*
- *Easy parts replacement*
- *Normally closed (N.C.) or normally open (N.O.) four-pole styles*



A16-04

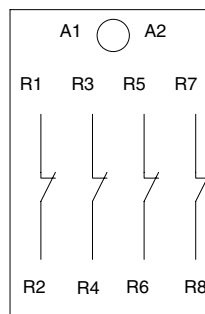


### SPECIFICATIONS

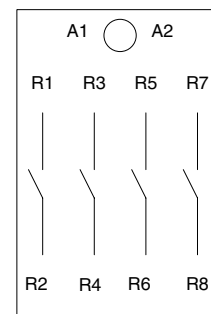
Frequency	50/60 Hz
Coil Burden	80 VA inrush, 8 VA Holding
Coil Voltage	24, 120 or 277 VAC
Contact Type	Four (N.O. or N.C.) Electrically held
Contact Ballast	30 A @ 600 VAC or General purpose
Contact Tungsten	20 A at 600 VAC
Wiring	18-10 AWG copper stranded 75°C, max two wires per terminal
Mounting	Surface or DIN rail
Approvals	UL listed, File E312527, CSA File LR56745, CE, RoHS
Weight	0.78 lb (0.35 kg)
Warranty	1 year

**NOTE:** Electrically-held contactors and starters can emit a humming noise when the coil is energized.

### WIRING



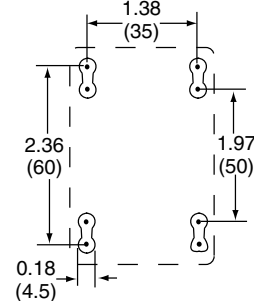
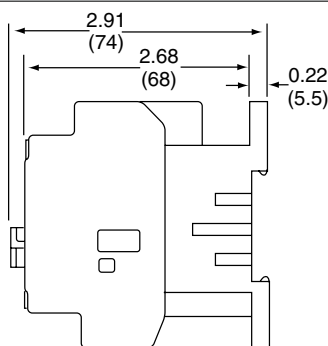
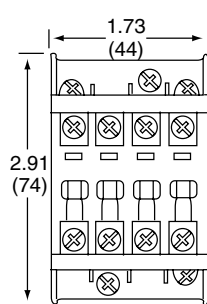
Four-pole N.C. Contactor



Four-pole N.O. Contactor

### DIMENSIONS

in (mm)



### ORDERING INFORMATION

MODEL	DESCRIPTION
A16-04-00-42	Four-pole, N.C., 30A contactor, 277 VAC coil
A16-04-00-81	Four-pole, N.C., 30A contactor, 24 VAC coil
A16-04-00-84	Four-pole, N.C., 30A contactor, 120 VAC coil
A16-40-00-42	Four-pole, N.O., 30A contactor, 277 VAC coil
A16-40-00-81	Four-pole, N.O., 30A contactor, 24 VAC coil
A16-40-00-84	Four-pole, N.O., 30A contactor, 120 VAC coil