



Features

- CE mark
- Compact space saving design
- Standard auxiliary contact configurations:
 - A9 - A40 1 NO or 1 NC
 - A50 - A110 1 NO & 1 NC
- Additional auxiliary contact blocks are available
- Panel mounting with screws or fast, snap-on DIN rail mounting
- Silver alloy double break contact design
- Snap-on front mounted accessories include mechanical latch, pneumatic timer, and 1 & 4 pole auxiliary contact blocks
- Contactors ensure positive safety between their auxiliary contact blocks.
- Easy coil change
- Captive terminal screws
- NEMA, UL, IEC, CSA, VDE and most other international standards
- Touch safe design: All connection terminals are protected against accidental touch
- Terminals supplied open for ease of wiring
- Operates over an extended voltage range of 85% to 110% of rated control voltage
- Screwdriver guide holes
- UL File No: E39231 (A9 - A75); (AE9 - AE75); (AL9 - AL40); (AF50 - AF75)
- UL File No: E36588 (A95 - A110); (AE95 - AE110); (AF145 - AF750)
- CSA File No: LR56745 (A9 - A75); (AE9 - AE75); (AF50 - AF75)
- CSA File No: LR19700 (A95 - A110); (AE95 - AE110); (AF145 - AF750)

Applications

Lighting contactors can be used to control a variety of lighting loads including:

- Tungsten filament lighting loads (incandescent), iodine lamps, quartz-iodine and infrared lamps
- Electric discharge lighting loads (ballast), high intensity discharge (HID), mercury vapor, metal halide and high pressure sodium and fluorescent lamps

Typical applications

- Parking lots
- Industrial plants
- Office buildings
- Theaters and auditoriums
- Stadiums
- Shopping centers
- Airports
- Hospitals
- Transportation lighting
- Institutions

Description

The A-Line lighting contactors are available with or without an enclosure.

- Maximum operating voltage of 600VAC 60Hz
- Includes 3, 4, 8 or 12 pole versions, other versions on request
- Electrically or mechanically held contactors
- IP 20 protection for connection terminals
- Can be mounted onto a mounting plate or a 35 x 7.5mm DIN rail
- UL/CSA Approved

A9 - A300

Electrically & mechanically held



A9-40-00



A45-40-00



A145-30-11

Normally Open Power Poles			Electrically Held			Mechanically Held		
Ballast Amp Rating	Incandescent (Tungsten) Amp Rating	Number of Power Poles	Open Type	UL Type 1 Enclosed		Open Type	UL Type 1 Enclosed	
			Catalog number	Enclosure Size	Catalog number	Catalog number	Enclosure Size	Catalog number
15	15	4	A9-40-00-84	A	A9C4P1-84	A9L-40-00-84	B	A9LC4P1-84
15	15	8	A9-80-00-84	A	A9C8P1-84	A9L-80-00-84	B	A9LC8P1-84
15	15	12	A9-120-00-84	A	A9C12P1-84	A9L-120-00-84	B	A9LC12P1-84
30	20	4	A16-40-00-84	A	A16C4P1-84	A16L-40-00-84	B	A16LC4P1-84
30	20	8	A16-80-00-84	A	A16C8P1-84	A16L-80-00-84	B	A16LC8P1-84
30	20	12	A16-120-00-84	A	A16C12P1-84	A16L-120-00-84	B	A16LC12P1-84
30	30	4	A16-40L-00-84	A	A16C4PL1-84	A16L-40L-00-84	B	A16LC4PL1-84
30	30	8	A16-80L-00-84	A	A16C8PL1-84	A16L-80L-00-84	B	A16LC8PL1-84
30	30	12	A16-120L-00-84	A	A16C12PL1-84	A16L-120L-00-84	B	A16LC12PL1-84
35	35	4	A26-40-00-84	B	A26C4P1-84	A26L-40-00-84	B	A26LC4P1-84
35	35	8	A26-80-00-84	B	A26C8P1-84	A26L-80-00-84	B	A26LC8P1-84
35	35	12	A26-120-00-84	B	A26C12P1-84	A26L-120-00-84	B	A26LC12P1-84
50	50	3	A30-30-10-84	B	A30C3P1-84	A30L-30-10-84	C	A30LC3P1-84
60	60	3	A40-30-10-84	B	A40C3P1-84	A40L-30-10-84	C	A40LC3P1-84
60	60	4	A45-40-00-84	B	A45C4P1-84	A45L-40-00-84	C	A45LC4P1-84
65	65	3	A50-30-00-84	B	A50C3P1-84	A50L-30-00-84	C	A50LC3P1-84
65	65	4	A50-40-00-84	B	A50C4P1-84	A50L-40-00-84	C	A50LC4P1-84
85	85	3	A63-30-00-84	B	A63C3P1-84	A63L-30-00-84	C	A63LC3P1-84
105	105	3	A75-30-00-84	B	A75C3P1-84	A75L-30-00-84	C	A75LC3P1-84
105	105	4	A75-40-00-84	B	A75C4P1-84	A75L-40-00-84	C	A75LC4P1-84
120	120	3	A95-30-00-84	B	A95C3P1-84	---	---	---
200	200	3	A145-30-00-84	E	A145C3P1-84	---	---	---
300	300	3	A210-30-00-84	F	A210C3P1-84	---	---	---
400	400	3	A300-30-00-84	F	A300C3P1-84	---	---	---

Normally Closed Power Poles			Electrically Held			Mechanically Held		
Ballast Amp Rating	Incandescent (Tungsten) Amp Rating	Number of Power Poles	Open Type	UL Type 1 Enclosed		Open Type	UL Type 1 Enclosed	
			Catalog number	Enclosure Size	Catalog number	Catalog number	Enclosure Size	Catalog number
30	20	4	A16-04-00-84	B	A16C4NCP1-84	A16L-04-00-84	B	A16LC4NCP1-84
30	20	8	A16-08-00-84	B	A16C8NCP1-84	A16L-08-00-84	B	A16LC8NCP1-84
30	20	12	A16-012-00-84	B	A16C12NCP1-84	A16L-012-00-84	B	A16LC12NCP1-84

Coil voltage selection

All catalog numbers include a 120VAC coil. To select other coil voltages, substitute the code from the Coil Voltage Selection Chart for the two digits after the last dash in the catalog number.

Ex.: A 240V coil is required for an A75 contactor: A75-30-00-80

Coil voltage selection

Hz	Cntr Type	12	24	48	110	120	125	208	220	240	277	380	415	440	480	500	600
60	A		81	83	84	84		34	36	80	42		86	86	51	53	55
50	A		81	83	84					80			85	86		55	

For other voltages, consult factory

Control transformer option

Contactor size	VA rating
A9	50
A40	75
A50	100
A95	150
A145	250
A210	
A300	

Control transformer voltage selection chart

Hz	Type	208/120	230 – 240/120	460 – 480/120	575 – 600/120
50/60	A	0	7	8	9

For other voltages, consult factory