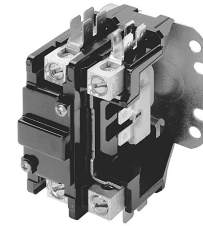


### Definite Purpose Lighting Contactors with AC Coil (Open Type only)

Tungsten Rating (Amps)	Ballast Rating (Amps)	Number of Poles	Standard Auxiliary Contacts		Electrically Held	
			NO	NC	Open Type	Price
30	40	1	0	0	CDP2-A1P30A-*	64.80
40	40	1	0	0	CDP2-A1P40A-*	82.50
30	40	2	0	0	CDP2-A2P30A-*	79.90
40	40	2	0	0	CDP2-A2P40A-*	96.10
30	40	3	0	0	CDP2-B3P30A-*	102
40	40	3	0	0	CDP2-B3P40A-*	124
30	40	4	0	0	CDP2-E4P30A-*	118
40	40	4	0	0	CDP2-E4P40A-*	137



Series CDP2 1-pole contactor



Series CDP2 3-pole contactor

#### Description

Sprecher + Schuh Definite Purpose contactors can be used to control a mixture of lighting loads. These contactors are well suited to handle the high inrush currents typical of this application as well as other non-motor (resistive) loads.

Lamps can basically be divided into three categories:

- Tungsten Filament Lamps
  - General purpose incandescent
  - Special purpose incandescent
  - Infrared
  - Sodium Iodine
- Discharge Lamps (with Ballast)
  - Fluorescent lamps - Mercury vapor
  - High/low pressure sodium
  - Quartz
  - Halogen metal-vapor
- Mixed Light Lamps

#### In Application...

The tungsten filaments of incandescent lamps have a very low ohmic resistance when cold. As a result, the closing current is very high but also very short. The closing current of discharge lamps (lighting with ballast) is highly inductive (due to series-connected transformers or chokes), and its duration depends on the lamp type.

#### Electrically held contactors

Electrically held contactors are available for use where the control signal is activated by a timer or other maintained electrical signal. The coil is energized as long as the contactor is closed. This design is well suited for applications where lights are operated frequently or where the control panel is in a remote location.

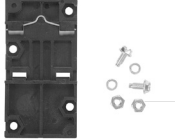

#### AC Coil Codes

AC Coil Code	Voltage Range
	60 Hz
24	24V
120	120V
220W	208-240V
277	277V
480	480V

#### Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	See Coil Codes on this page

**Accessories**

Auxiliary	Description	For use with...	Catalog Number	Price
	<p><b>DIN-rail Adaptor</b> - Attaches to the universal mounting plate of 1-, 2-, 3- and 4-pole contactors 25...40 Amps.</p>	<p>CDP2-A1P...B3P CDP2-E4P</p>	<p><b>CDP2-DRA</b></p>	<p><b>12.30</b></p>
	<p><b>Mechanical Interlock</b> - Can be combined with electrical interlocks on 3-pole and 4-pole contactors as required.</p>	<p>CDP2-B3P CDP2-E4P</p>	<p><b>CDP2-MK1</b></p>	<p><b>19.50</b></p>