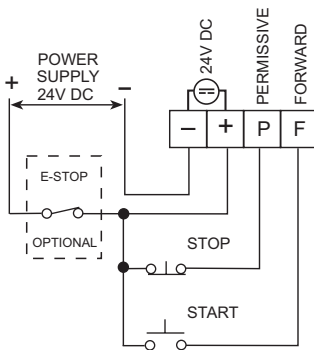


NEMA

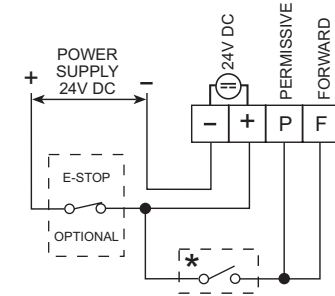
Non-Reversing Contactor

Size 00 & 0

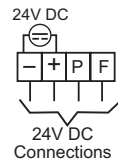
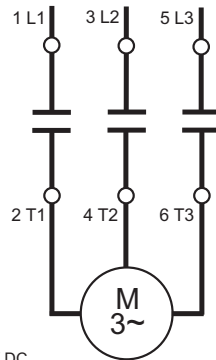
3-Wire Control



2-Wire Control



* MAINTAINED ONLY
2-WIRE REMOTE PILOT DEVICE



Control
Terminal
Block

**DISCONNECT AC POWER BEFORE
WORKING ON THIS PRODUCT**

CONTROL POWER / 24 VOLTS DC ONLY

POWER REQUIRED PER DEVICE @ 20°C (68°F)

Inrush: 80 watts, 3.3 amps, 50 msec duration
Sealed: 3.7 watts, 0.15 amps

At other temperatures (T) in °C
Watts = $W_{20}[1.1 - .005(T)]$ } Inrush
or
Amps = $A_{20}[1.1 - .005(T)]$ } Sealed

Example: Inrush watts @ -25°C
 $80[1.1 - .005(-25)] = 98$ watts

24V DC POWER SUPPLY REQUIRED

Select supply based on power required per device
Recommend Cutler-Hammer PS Series

24V DC CONTROLS REQUIRED

24V DC, 3-5mA
Recommend Cutler-Hammer Logic Level Series
or contact blocks with reliability "nibs".

AUXILIARY CONTACTS

Max. Qty.	Cat. No.	Description
3	EMA13	1 N.O.
3	EMA14	1 N.C.
2	EMA15	1 N.O. - 1 N.C.
2	EMA16	2 N.O.
2	EMA17	2 N.C.
2	EMA70	1 N.O.-1 N.C. (Logic)

CONTROL TERMINAL BLOCK

Wire	- +	P F
1 per Terminal	1.5 - 2.5mm ² [14 - 12 Awg]	0.5 - 2.5mm ² [22 - 12 Awg]
2 per Terminal	1.5mm ² [14 Awg]	0.75 - 1.5mm ² [18 - 14 Awg]
Strip Length	Driver	Torque (Max.)
7mm [0.27 in]	3.5mm [1/8 in]	0.5 N-m [4.5 LB-IN]

CONTROL CIRCUIT FUSEHOLDER

Cat. No. C320FB or C320FBR

L1, L2, L3 / T1, T2, T3

75°C Copper Wire only

MOUNTING HOLES / DIN RAIL

Screws:
(3) M4
or
(3) #8

33.8mm [1.33 in]

101mm [4.0 in]

1 Wire per Terminal	1.5 - 10mm ² [14 - 8 Awg]
2 Wires per Terminal	1.5 - 4mm ² [14 - 10 Awg]

Strip Length	Driver	Torque per Wire (Max.)	Wire Range
11mm [0.45 in]	Hex Key 2.5mm	2.2 N-m [20 LB-IN]	1.5 - 6mm ² [14-10 Awg]
		2.8 N-m [25 LB-IN]	10mm ² [8 Awg]

AMBIENT TEMPERATURE

Operating: -40°C to 65°C [-40°F to 149°F]
Storage: -50°C to 80°C [-58°F to 176°F]

SHORT CIRCUIT WITHSTAND RATING

UL 508 and CSA C22.2 No. 14-95

SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN 5000 rms SYMMETRICAL AMPERES, 600 VOLTS MAXIMUM WHEN PROTECTED BY CLASS K5-FUSES, TIME DELAY FUSES PER NEC/CEC OR INVERSE-TIME CIRCUIT BREAKERS (THERMAL MAGNETIC).

pub50140 (A) Mar. 2002 - Also refer to pub50200 or www.cutler-hammer.eaton.com/it