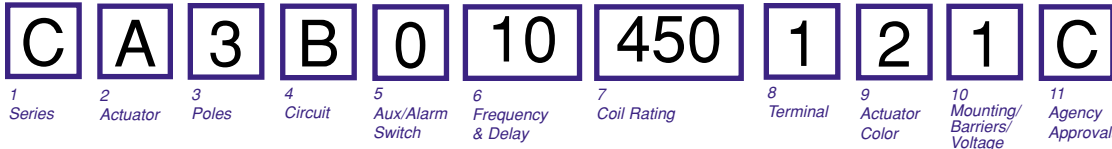


Remote Operated Circuit Breaker Module



1 SERIES
C

2 ACTUATOR
A Handle, one per pole
S Mid-Trip Handle, one per pole
T Mid-Trip Handle and Alarm Switch (Handle, one per pole)

3 POLES
1 One
2 Two
3 Three

4 CIRCUIT
A Switch Only (No Coil)
B Series Trip (Current)
C Series Trip (Voltage)
D Shunt Trip (Current)
E Shunt Trip (Voltage)
F Relay Trip (Current)
G Relay Trip (Voltage)
 DUAL COIL AVAILABLE CONSULT FACTORY

5 AUXILIARY/ALARM SWITCH
0 w/o Aux Switch
2 S.P.D.T., 0.110 Q.C. Term.
3 S.P.D.T., 0.139 Solder Lug
4 S.P.D.T., 0.110 Q.C. Term. (Gold Contacts)
8 S.P.S.T., (N.O.)0.187 Q.C. Term.

6 FREQUENCY & DELAY
03 DC, 50/60Hz When Delay is not applicable, i.e. Switch Only circuit option.
10 DC Instantaneous
11 DC Ultra Short
12 DC Short
14 DC Medium
16 DC Long
20 50/60Hz Instantaneous
21 50/60Hz Ultra Short
22 50/60Hz Short
24 50/60Hz Medium
26 50/60Hz Long
32 DC, 50/60Hz Short
34 DC, 50/60Hz Medium
36 DC, 50/60Hz Long
42 50/60Hz Short, Hi-Inrush
44 50/60Hz Medium, Hi-Inrush
46 50/60Hz Long, Hi-Inrush
52 DC, Short, Hi-Inrush
54 DC, Medium, Hi-Inrush
56 DC, Long, Hi-Inrush

7 COIL RATING	630	30.000
CURRENT COIL	635	35.000
AMPERES	640	40.000
210	0.100	650 50.000
225	0.250	660 60.000
250	0.500	670 70.000
275	0.750	680 80.000
410	1.000	690 90.000
425	2.500	810 100.000
450	5.000	VOLTAGE COIL
475	7.500	MIN. TRIP RATING
610	10.000	VOLTS
615	15.000	A06 6 DC, DC
620	20.000	A12 12 DC, 10 DC
625	25.000	K20 120 AC 65 AC

8 TERMINAL
1 10-32 THD. Stud, .625 long
2 10-32 Screw with washer and saddle clamp
3 1/4-20 THD. Stud, .675 long
4 M5 THD. Stud, 16mm long
6 M6 THD. Stud, 17mm long
7 0.250 Inch Double Quick Connect
A Push-in Stud

9 ACTUATOR COLOR

COLOR	LEGEND
1 White	Dual (Black)
2 Black	Dual (White)
3 Red	Dual (White)
6 Yellow	Dual (Black)

10 MOUNTING/BARRIERS/VOLTAGE
 UL RECOGNIZED & CSA CERTIFIED:

	MOUNTING INSERT	BARRIERS	VOLTAGE
1	6-32 x 0.195 inches	none	<300
A	6-32 X 0.195 inches	yes	<300
C	6-32 x 0.195 inches	mandatory	≥300
2	ISO M3 x 5mm	none	<300
B	ISO M3 x 5mm	yes	<300
D	ISO M3 x 5mm	mandatory	≥300

UL489 LISTED (select voltage in field 11):

1	6-32 x 0.195 inches
2	ISO M3 x 5mm

11 AGENCY APPROVAL
A no approvals
C UL UL RECOGNIZED & CSA CERTIFIED
 UL 489 LISTED & CSA CERTIFIED:
BG Max. app. rating 125 VDC VAC
DG Max. app. rating 240 VAC
KG Max. app. rating 120 VAC
MG Max. app. rating 80 VDC

To order a remote operated circuit breaker, add / plus the remote module part number to the end of the C-Series circuit breaker catalog number.
 ex. CA1BO24620121C/RB1106BU1C



RB	1	1	06	B	U	1	C
A Accessory Prefix	B Mounting Style	C Interface	D Lead Length	E Voltage Rating	F Handle Marking	G Mounting	H Agency Approval

A ACCESSORY PREFIX
RB

B MOUNTING STYLE
 (as viewed from behind)
1 LEFT SIDE
2 RIGHT SIDE

C INTERFACE⁴
1 FLYING LEADS (No connector)
2 INTEGRAL CONNECTOR
3 FLYING LEAD WITH FEMALE 4 PIN DUAL ROW CONNECTOR
4 FLYING LEAD WITH MALE 4 PIN DUAL ROW CONNECTOR

D LEAD LENGTH
00 0 in [0.0 mm]³
03 3 in [76.2 mm]
06 6 in [152.4 mm]
10 10 in [254.0 mm]
20 20 in [508.0 mm]
30 30 in [762.0mm]

E REMOTE OPERATOR INPUT
A 12 VDC
B 20-40VDC
C 41-80 VDC

F HANDLE /MARKING¹
T WHITE/NO MARKING
U BLACK/NO MARKING
V RED/NO MARKING
W YELLOW/NO MARKING

G MOUNTING^{2, 6}
1 6-32 X 0.195 in
2 ISO M3 x 5mm

H AGENCY APPROVALS⁵
C UL RECOGNIZED & CSA CERTIFIED
G UL 489 LISTED & CSA CERTIFIED

Carling Technologies' Remote Operated Hydraulic/Magnetic Circuit Breakers consist of a custom designed remote operated motor module (housed within a circuit breaker molding), coupled to a Carling C-Series Hydraulic/Magnetic Circuit Breaker. This package can be easily mounted into existing panel designs.

To order, select the C-Series breaker configuration from the ordering scheme listed to the left, followed by the remote module configuration, listed above.

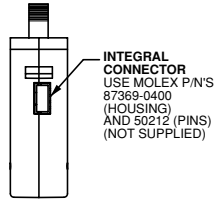
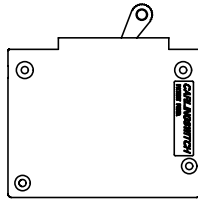
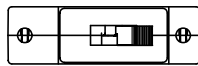


Remote Operated Module

NOTES:

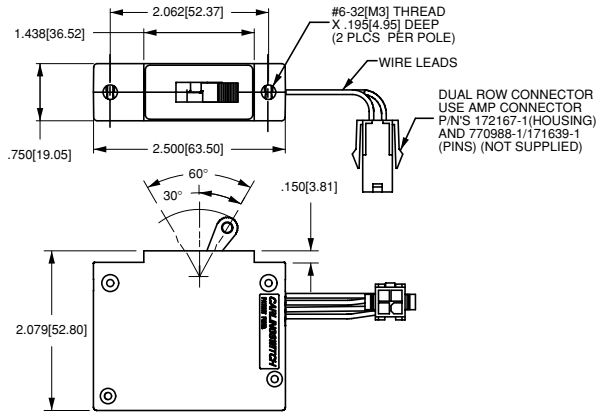
- ROCB must be ordered in conjunction with a C-Series Circuit Breaker.
- To the end of the C-Series breaker catalog number, add / plus the above part number. ex) CA1BO24620121C/RB1106BU1C
- Shading indicates standard configurations.
- 1 Handle color to match handle of C-Series breaker.
- 2 Mounting inserts should match C-Series breaker.
- 3 Available with integral connector only.
- 4 Integral or 4 pin dual row connectors not available with agency approval G -- UL489 construction.
- 5 It is not necessary that the remote modules and host circuit breaker have the same agency approvals.
- 6 Din Rail construction mounting is available in conjunction with D-Series circuit breakers. Consult factory.

Remote Operated Circuit Breaker Module



INTEGRAL CONNECTOR
USE MOLEX P/N'S
87369-0400
(HOUSING)
AND 50212 (PINS)
(NOT SUPPLIED)

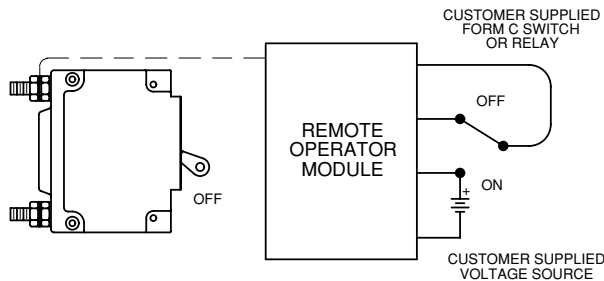
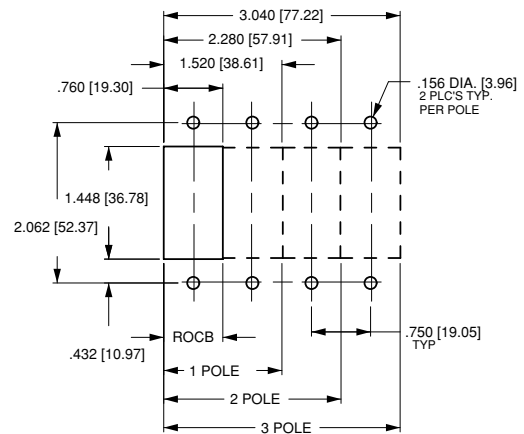
INTEGRAL CONNECTOR VERSION



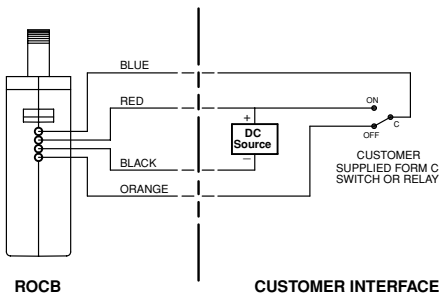
CONNECTOR WITH LEADS

PANEL CUTOOUT DETAIL

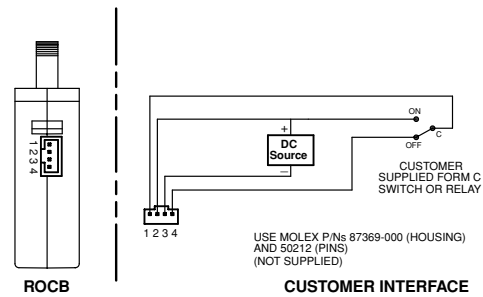
TOLERANCES ±.005 [.12]



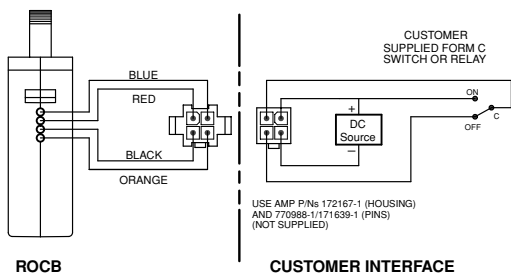
CATALOG INTERFACE OPTION 1 (FLYING LEADS) WIRING INSTRUCTIONS



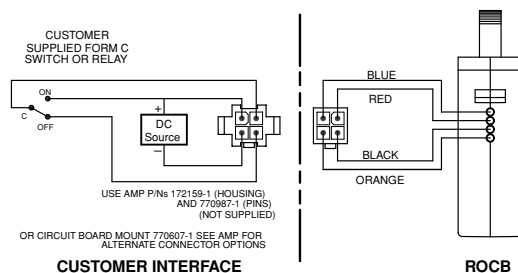
CATALOG INTERFACE OPTION 2 (INTEGRAL CONNECTOR) WIRING INSTRUCTIONS



CATALOG INTERFACE OPTION 3 (FLYING LEADS WITH FEMALE 4 PIN DUAL ROW CONNECTOR) WIRING INSTRUCTIONS



CATALOG INTERFACE OPTION 4 (FLYING LEADS WITH MALE 4 PIN DUAL ROW CONNECTOR) WIRING INSTRUCTIONS



Carling Technologies™

Innovative Designs. Powerful Solutions.