

Series C Rotary and Universal Rotary



Series C Rotary

Series C rotary and universal rotary handle mechanisms are for use with molded-case circuit breakers (G, F, J, K, L, MDL), molded-case switches and motor circuit protectors.

Series C rotary is suitable for use with Type 1, 3R, 12 and 4/4X enclosure types. Type 4/4X application requires special handle, see "Ordering Information."

The universal rotary is suitable for use with Type 1 and 12 enclosure types. All rotary handle mechanisms include a handle "Lock Off," to prevent turning the breaker ON while in the OFF position. All rotary handles indicate ON/OFF/Tripped/Reset positions; however, Universal Rotary has the added feature of international markings for ON (I) and OFF (O). Series C rotary handle is metal. Universal rotary is made of molded material. Series C rotary handle is black and universal rotary is available in black or yellow/red.

Series C rotary handle was ergonomically designed with extra clearance for a "gloved hand" to operate. Handle has a 45° rotation. Universal Rotary has a 90° rotation ("pipe valve" operation) where ON is vertical and OFF is horizontal. Shafts include a support brace to ensure proper alignment.

In addition, the 16.00-inch (406.4 mm) and 24.00-inch (609.6 mm) extra long shafts include an adjustable support bracket.

Series C rotary and universal rotary, are UL Listed and meet CSA requirements. Universal rotary also meets IEC947-1/2 for international compliance. Rotary UL File Number is E64983.

Series C Rotary Ordering Information

Shaft Length Inches (mm)	Complete Catalog Number ①	Separate Catalog Number		Shaft ④	Catalog Number	
		Standard Handle ②	Breaker Mechanism ③		IEC IP65 ⑤⑥	IEC IP66 ⑤⑥
F-Frame						
6.00 (152.4)	HM1R06	6648C22G01	6648C23G11	4217B37G04	WHM1R06	WHM1R06X
12.00 (304.8)	HM1R12	6648C22G01	6648C23G11	4217B37G01	WHM1R12	WHM1R12X
16.00 (406.4)	HM1R16	6648C22G01	6648C23G11	4217B37G02	WHM1R16	WHM1R16X
24.00 (609.6)	HM1R24	6648C22G01	6648C23G11	4217B37G03	WHM1R24	WHM1R24X
J-Frame						
6.00 (152.4)	HM2R06	6648C22G01	6648C23G21	4217B37G04	WHM2R06	WHM2R06X
12.00 (304.8)	HM2R12	6648C22G01	6648C23G21	4217B37G01	WHM2R12	WHM2R12X
16.00 (406.4)	HM2R16	6648C22G01	6648C23G21	4217B37G02	WHM2R16	WHM2R16X
24.00 (609.6)	HM2R24	6648C22G01	6648C23G21	4217B37G03	WHM2R24	WHM2R24X
K-Frame						
6.00 (152.4)	HM3R06	6648C22G01	6648C23G25	4217B37G04	WHM3R06	WHM3R06X
12.00 (304.8)	HM3R12	6648C22G01	6648C23G25	4217B37G01	WHM3R12	WHM3R12X
16.00 (406.4)	HM3R16	6648C22G01	6648C23G25	4217B37G02	WHM3R16	WHM3R16X
24.00 (609.6)	HM3R24	6648C22G01	6648C23G25	4217B37G03	WHM3R24	WHM3R24X
L- and MDL-Frame						
6.00 (152.4)	HM4R06	6648C22G11	6648C23G19	4217B37G04	WHM4R06	WHM4R06X
12.00 (304.8)	HM4R12	6648C22G11	6648C23G19	4217B37G01	WHM4R12	WHM4R12X
16.00 (406.4)	HM4R16	6648C22G11	6648C23G19	4217B37G02	WHM4R16	WHM4R16X
24.00 (609.6)	HM4R24	6648C22G11	6648C23G19	4217B37G03	WHM4R24	WHM4R24X
MD/MDS						
6.00 (152.4)	HM7R06	6648C22G21	6648C23G17	4217B37G04	—	—
12.00 (304.8)	HM7R12	6648C22G21	6648C23G17	4217B37G01	—	—
16.00 (406.4)	HM7R16	6648C22G21	6648C23G17	4217B37G02	—	—
24.00 (609.6)	HM7R24	6648C22G21	6648C23G17	4217B37G03	—	—
N-Frame						
6.00 (152.4)	HM5R06	6648C22G21	6648C23G08	4217B37G04	WHM5R06	WHM5R06X
12.00 (304.8)	HM5R12	6648C22G21	6648C23G08	4217B37G01	WHM5R12	WHM5R12X
16.00 (406.4)	HM5R16	6648C22G21	6648C23G08	4217B37G02	WHM5R16	WHM5R16X
24.00 (609.6)	HM5R24	6648C22G21	6648C23G08	4217B37G03	WHM5R24	WHM5R24X

Notes

- ① Complete catalog number includes the standard handle, mechanism, shaft and support brace/bracket.
- ② Handle is designed suitable for Types 1, 3R and 12 enclosures. Use style number **6648C22G03** for Type 4/4X handle or add **X** Suffix to complete catalog number.
- ③ Breaker mechanism includes a shaft support bracket and its parts.
- ④ Longer shafts, 16.00-inch (406.4 mm) and 24.00-inch (609.6 mm), include an adjustable support extension.
- ⑤ IEC handle mechanism supplied with metric thread mounting hardware.
- ⑥ Complete catalog number includes a handle, mechanism and shaft.

Refer to handle mechanisms in the molded-case circuit breaker section of Volume 4—Circuit Protection Catalog, CA08100005E, Tab 2.