

Enclosed Rotary Disconnects



Product Overview

Provide users with the ability to lock directly wired motor loads in the OFF position to comply with OSHA lockout/tagout regulations. Also for machine applications that require compact, economical disconnect switches.

Enclosed rotary disconnect switches allow safe control and safe disconnect of any motor application.

Features, Benefits and Functions

- Padlockable in the OFF position (up to three padlocks) to meet OSHA lockout requirements
- Available in 16–80A ratings
- 600 Vac, three- and four-pole non-fusible device
- Rated for making and breaking loads
- Accepts auxiliary contacts; capability to signal PLC controllers
- Ground lug connection provided
- Possibility of adding one power pole and one auxiliary contact
- NEMA® Type 1, 3R, 12, 4, 4X

Open rotary disconnects can be found in Volume 5, Tab 3 titled: NEMA Manual Starters.

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Standards and Certifications

- Meets NEC® Article 430 requirements for a separate disconnect means within sight of all motor loads
- UL® listed under Section 508
- UL listed File No. E165150
- CSA® listed under 22.2 No. 14, File 162136



Listed

Product Selection

Enclosed Rotary Non-Fusible

Ampere Rating	Maximum Horsepower Ratings				NEMA 1 ^① Enclosure Indoor Catalog Number	NEMA 12 ^{①②} Enclosure Dust-Tight/ Rainproof Catalog Number	NEMA 4X ^① Enclosure Corrosion-Resistant, Stainless Steel Catalog Number	NEMA 4X ^① Enclosure Corrosion-Resistant, Non-Metallic Catalog Number	NEMA 4X Enclosure Polycarbonate- Non-Metallic Catalog Number
	Three-Phase AC		480V	600V					
Three-Pole, 600 Vac									
16	3	5	10	10	ER53016UG	ER53016UD	ER53016UW	ER53016UX	—
25	7-1/2	7-1/2	15	20	ER53025UG	ER53025UD	ER53025UW	ER53025UX	—
30	7-1/2	7-1/2	15	20	ER53030UG	ER53030UD	ER53030UW	ER53030UX	ER53030UPGB ^{③④}
40	7-1/2	7-1/2	20	25	ER53040UG	ER53040UD	ER53040UW	ER53040UX	—
60	15	15	30	30	ER53060UG	ER53060UD	ER53060UW	ER53060UX	ER53060UPGB ^{③④}
80	15	20	40	40	ER53080UG	ER53080UD	ER53080UW	ER53080UX	—
Four-Pole, 600 Vac									
16	3	5	10	10	ER54016UG	ER54016UD	ER54016UW	ER54016UX	—
25	7-1/2	7-1/2	15	20	ER54025UG	ER54025UD	ER54025UW	ER54025UX	—
30	7-1/2	7-1/2	20	25	ER54030UG	ER54030UD	ER54030UW	ER54030UX	—
40	7-1/2	7-1/2	20	25	ER54040UG	ER54040UD	ER54040UW	ER54040UX	—

Accessories for Enclosed Rotary Disconnects^{⑤⑥}

Disconnect Ampere Rating	Switched Fourth Pole	Unswitched Neutral Pole	Auxiliary Contacts (Choose one)	Terminal Shrouds
16	S4PR516	UNMR5A	1NO + 1NC AC1NONC	Single-pole TS1R5A
25	S4PR525		2NC AC2NC	Three-pole TS3R5A
30	S4PR530			UNMR5B
40	S4PR540	Three-pole TS3R5B		
60	S4PR560			
80	S4PR580			

Notes

- ① For CSA listed switches, add prefix letter "C" to the front of the catalog number.
 ② NEMA Type 12 enclosures (16–80A) can be field modified to meet NEMA Type 3R rainproof requirements when a factory-provided drain hole is opened.
 ③ GB suffix = Gray cover, Black handle. GR suffix = Gray cover, Red handle. YR suffix = Yellow cover, Red handle.
 ④ cULus only.
 ⑤ Ordered and shipped as separate components—not integral to enclosed device.
 ⑥ Enclosed disconnects can accept one power pole, neutral or up to two auxiliary contacts (one mounted on either side of switch).

Contact the Safety Switch Flex Center (1-888-329-9272 or FlexSwitches@eaton.com) for factory-installed accessories or other special modifications.