

# 2A ER4 industrial disconnect switches

UL/cULus Listed  
NEMA 4X (enclosure)

ER4 industrial disconnect switches provide a robust UL98 rated design to withstand long-term corrosive and harsh environments.

The complete line includes both fused and non-fused rotary disconnect switches from 30A to 800A, providing flexibility and convenience for point-of-use configuration.

## Applications:

- Built to serve as a main disconnect or provide branch circuit protection in a variety of applications in heavy industrial environments

## Features:

- UL98 Listed for general purpose, main disconnect or branch circuit protection up to 600 VAC/DC
- Multiple field installed accessories enhance the enclosed disconnect switches to fit the desired application
- Lockout/tagout – up to three ¼" padlocks can be installed on external handles for added safety

## Certifications and compliances:

- UL98 Listed – File No. E182262, Guide WIAX, WIAX7
- cULus Listed to CSA Standard 22.2, No. 14
- cULus Listed to CSA Standard 22.2, No. 4
- Conforms with IEC 60947-3
- CE compliant
- RoHS compliant
- NEMA 4X (enclosure)
- Non-metallic enclosure flammability rating – polycarbonate: UL 94-5VA-0; fiberglass: UL 94-5V



## Electrical ratings:

- Voltage – 600 VAC; 250-600 VDC
- Amperage – 16A-800A
- Short circuit current ratings – UL98: 35kA-200kA; UL508: 10kA-65kA
- Operating temperature – -20°C to +70°C

## Ordering information:

Part number example  
**ER4X-60J3PB**



## Fused disconnects:

Amperage	Fuse type	Enclosure type	
		4X plastic	304 stainless steel
30	J	ER4P-30J3PB	ER4X-30J3PB
60	J	ER4P-60J3PB	ER4X-60J3PB
100	J	ER4P-100J3PB	ER4X-100J3PB
200	J	ER4P-200J3PB	ER4X-200J3PB
400	J	ER4P-400J3PB	ER4X-400J3PB
600	J	ER4P-600J3PB	ER4X-600J3PB
800	L	ER4P-800L3PB	ER4X-800L3PB

All catalog numbers provided with integral or installed lugs and black selector handle.

## Non-fused disconnects:

Amperage	Enclosure type	
	4X plastic	304 stainless steel
30	ER4P-30N3PB	ER4X-30N3PB
60	ER4P-60N3PB	ER4X-60N3PB
100	ER4P-100N3PB	ER4X-100N3PB
200	ER4P-200N3PB	ER4X-200N3PB
400	ER4P-400N3PB	ER4X-400N3PB
600	ER4P-600N3PB	ER4X-600N3PB
800	ER4P-800N3PB	ER4X-800N3PB

All catalog numbers provided with integral or installed lugs and black selector handle.

## Accessories (ordered separately):

Cat. #	Description
BAC05 <sup>B</sup>	Aux. contact, (1) NO type, 10A, 600 VAC
BAC06 <sup>B</sup>	Aux. contact, (1) NC type, 10A, 600 VAC
TSH8-3TB <sup>C</sup>	Terminal shroud, 200A switch rating, 3-pole
TSH9-3TB <sup>C</sup>	Terminal shroud, 400A switch rating, 3-pole
TSH10-3TB <sup>C</sup>	Terminal shroud, 600A-800A switch rating, 3-pole

<sup>A</sup> Class L fuses for 800A disconnect switch only.

<sup>B</sup> For 30A-800A switches: maximum number of contacts per switch: (4) 30A to 200A; (8) 400A to 800A.

<sup>C</sup> For 200A-800A switches: includes terminal shroud for line side or load side.

<sup>D</sup> Two units per switch maximum.

<sup>E</sup> For one auxiliary contact, install either BAC03 or BAC11. For two auxiliary contacts, install BAC03 + BAC04, or BAC11 + BAC12.

## Accessories (ordered separately):

Cat. #	Description
BAC01 <sup>D</sup>	Aux. contact, 30A-100A, (1) NO type, (1) NC type, 10A, 240 VAC
BAC02 <sup>D</sup>	Aux. contact, 30A-100A, (2) NO type, 10A, 240 VAC
BAC03 <sup>E</sup>	Aux. contact, 220A-800A, (1) NO type, (1) NC type, 10.1A, 125-250 VAC
BAC04 <sup>E</sup>	Aux. contact, 220A-800A, (1) NO type, (1) NC type, 10.1A, 125-250 VAC
BAC11 <sup>E</sup>	Aux. contact, 220A-800A, (1) NO type, (1) NC type, 1A, 125 VAC
BAC12 <sup>E</sup>	Aux. contact, 220A-800A, (1) NO type, (1) NC type, 1A, 125 VAC
TSH3-3TB	Terminal shroud, 30A-100A switch rating, line side and load side, 3-pole
TSH4-3T	Terminal shroud, 200A switch rating, line side, 3-pole
TSH4-3B	Terminal shroud, 200A switch rating, load side, 3-pole
TSH5-3T	Terminal shroud, 400A switch rating, line side, 3-pole
TSH5-3B	Terminal shroud, 400A switch rating, load side, 3-pole
TSH6-3B	Terminal shroud, 600A switch rating, line side or load side, 3-pole
TSH7-3TB	Terminal shroud, 800A switch rating, line side or load side, 3-pole