

Thinking outside the “big” box

Enhanced safety through isolation of line-side power



OLI switch integrated onto control panel enclosure



Traditional control panels may expose operators to line-side system voltage (i.e., 480 Vac) even when the internal main disconnect is in the OFF position. Many panel-building OEMs and OEM customers are concerned with arc flash hazards and arc flash categories and may be looking for ways to reduce them.

The solution is the OEM Line Isolation (OLI) switch—the newest product in Eaton’s expanding offering of safer switching devices. The OLI switch provides an external disconnecting means for industrial control panels. It allows an operator to access the control panel without exposure to the line-side voltage, thus enhancing safety and allowing for reduced PPE, which improves worker dexterity and mobility.

The OLI switch is designed to universally integrate to major manufacturers’ “disconnect enclosures” that will work with the Eaton C371-style handle and operating mechanism. The Eaton solution is a complete package, including enclosure, disconnect, handle, flex-cable operator and all other necessary components.

Features

Gasketed side wall mounts to OEM cabinet

Oversized line shield (internal to switch)

Voltage portal(s) or voltage Safe-Test Point™ (optional)

Custom Flex Shaft operator modified to work with safety switch

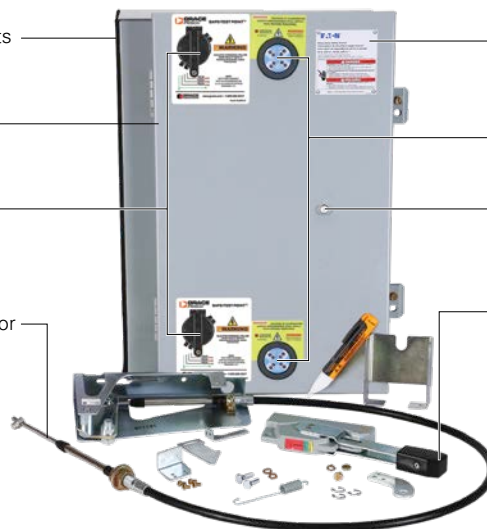
Modified heavy-duty safety switch—NEMA® Type 12/3R and 4/4X enclosures available

Voltage indicators for line, load, or line and load side of switch (optional)

Mechanical interlock—cannot open switch or OEM cabinet when handle is in ON position

Flange handle (for mounting on OEM cabinet) ①

① Flex Shaft™ operator and handle assembly is included and shipped with switch loose, for field installation.



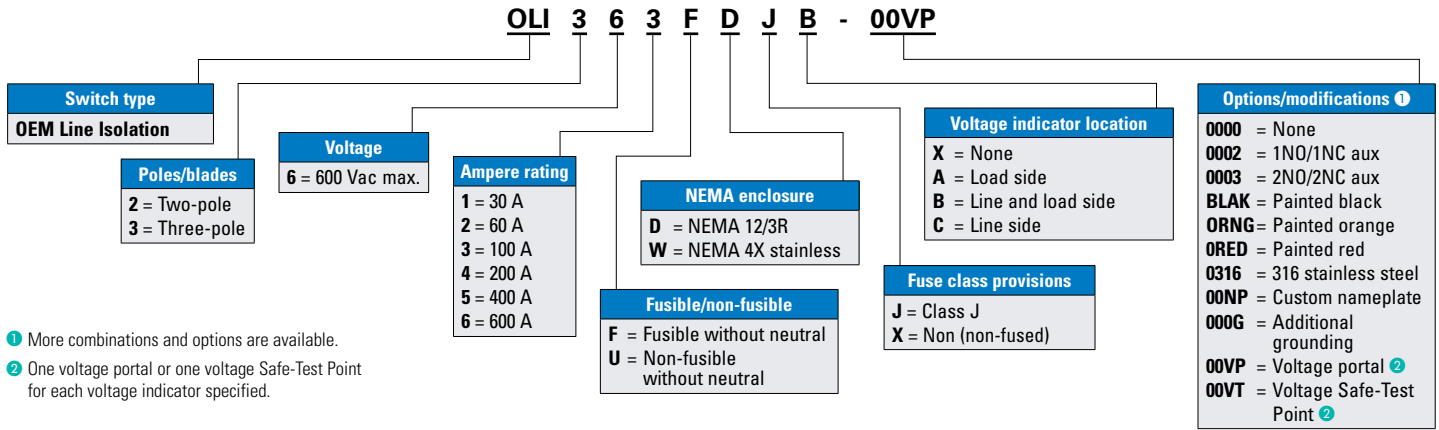
Modifications

Additions are available such as custom paint, 316-stainless enclosures, custom OEM labeling and more. Call the Flex Center at **1-888-329-9272** for more information.

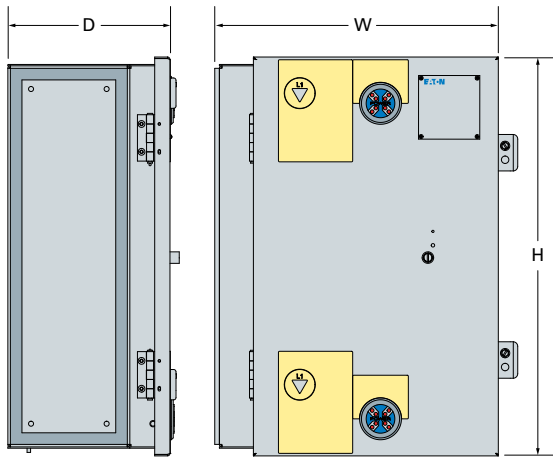


Powering Business Worldwide

Catalog numbering system



Technical specifications



Dimensions in inches (mm)

Switch amperage	Height (H)	Width (W)	Depth (D)
30	21.49 (545.8)	16.08 (408.4)	9.24 (234.7)
60	21.49 (545.8)	16.08 (408.4)	9.24 (234.7)
100	28.21 (716.5)	18.30 (464.8)	9.24 (234.7)
200	28.21 (716.5)	18.30 (464.8)	9.24 (234.7)
400	50.15 (1273.8)	21.30 (541.0)	9.24 (234.7)
600	54.49 (1384.0)	21.30 (541.0)	12.14 (308.3)

Certifications

- UL®/cUL®
- UL 98 standard, file no. E222859
- UL 50 standard, file no. E478865



Ratings and capacities

Short-circuit ratings (amperes) Standard lug capacities

Ampere rating	Short-circuit ratings (amperes)		Standard lug capacities			Ground		
	Fusible (Class J)	Non-fusible	Per phase		Wire type	Min. wire size	Max. wire size	Wire type
			Min. wire size	Max. wire size				
30	200 k at 600 V	10 k at 600 V	#14	#2	Cu/Al	(2) #14	(2) 1/0	Cu/Al
60	200 k at 600 V	10 k at 600 V	#14	#2	Cu/Al	(2) #14	(2) 1/0	Cu/Al
100	200 k at 600 V	10 k at 600 V	#14	1/0	Cu/Al	(2) #14	(2) 1/0	Cu/Al
200	200 k at 600 V	10 k at 600 V	#6	300 kcmil	Cu/Al	(2) #14	(2) 1/0	Cu/Al
400	100 k at 600 V 200 k at 480 V	10 k at 600 V	(2) 1/0 (1) 1/0	(2) 300 kcmil or (1) 750 kcmil	Cu/Al	(2) #6	(2) 250 kcmil	Cu/Al
600	100 k at 600 V 200 k at 480 V	10 k at 600 V	(1) #2 (1) #1/0	(1) 600 kcmil and (1) 750 kcmil	Cu/Al	(2) #6	(2) 250 kcmil	Cu/Al

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