

Stacked double-throw safety switch line



1200 A double-throw “stacked design” safety switch

Today’s needs for double-throw safety switches have called for more power... with a smaller footprint.

A market leader in switching devices, Eaton provides a unique design when it comes to 600–1200 A fusible configurations, as well as the 1200 A non-fusible design—all available for 240 Vac and 600 Vac systems. Offering the most expansive and complete line of double-throw switches in the market today, Eaton further solidifies their position as the market’s leading manufacturer of these types of products.

Product enhancement

This line of double-throw switches has been engineered using a stacked switch base design, providing a key benefit for the customer, as fusible devices may require only one set of fuses—a significant cost savings. The stacked design feature also delivers a product that is notably smaller in size and lighter in weight. To help streamline installation, a Z bracket is included to help simplify permanent wall mounting.

Like all Eaton safety switches, these new products are designed to accommodate a wide range of accessories that can be factory or field installed—and with Eaton’s switching device Flex Center, customized solutions are always available.

Applications

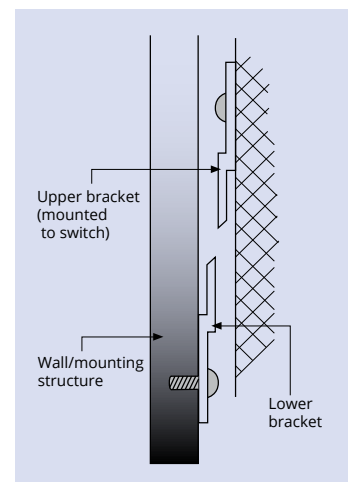
- Backup power
- HVAC
- Petrochem and chemical processing
- Water treatment

Product features

- Industry-leading “stacked” design for 600–1200 A fusible and 1200 A non-fusible switches
- Reduced number of fuses required for one-load applications from two sources
- Suitable for use as service entrance equipment
- Reduced enclosure size
- Wider breadth of product designs
- Quick-make, quick-break design
- Z bracket included to help simplify mounting

Benefits

- Cost savings—fewer fuses required
- Easier handling
- Overall reduced installed cost
- Broader application solutions

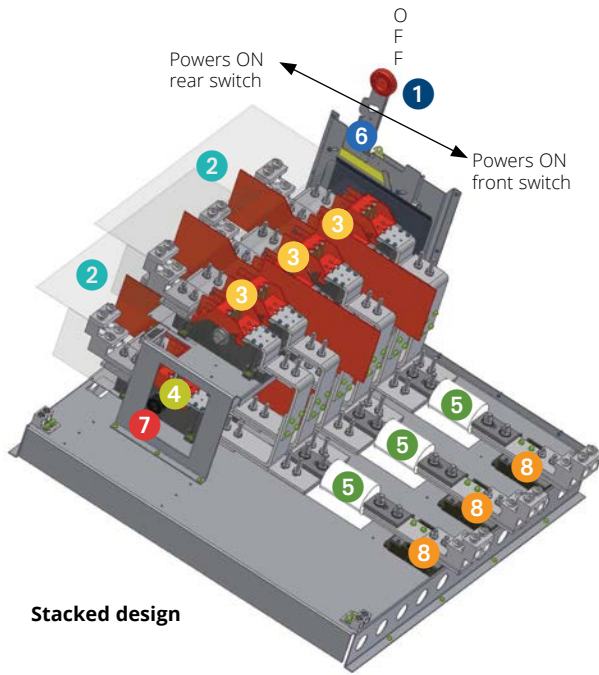


Z bracket

Z bracket mounts to wall; switch rests on bracket. Simplifies permanent mounting.



Powering Business Worldwide



Stacked design

1200 A double-throw safety switch

- 1 Palm-fitting, visible red handle; three-position handle allows a single load to be supplied by a normal or an alternate source.
- 2 Clear Lexan® line shield.
- 3 Front switch—triggered by the DOWN position on handle.
- 4 Rear switch—triggered by the UP position on handle.
- 5 One set of fuses—with this innovative stacked design, both switches can operate solely on one set.
- 6 Standard robust fast-acting switch mechanism.
- 7 Switch position visual indicator—visual colored indicator serves to see whether rear switch is OFF (green) or ON (red).
- 8 Common load-side mechanical lugs.

Ampere rating (main and standby)	Vac	Catalog number ❶		Lug capacity			Dimensions			
		NEMA® 1	NEMA 3R	Minimum wire size	Maximum wire size	Wire type	Height (H)	Width (W)	Depth (D)	Depth (D2)
Two-pole										
600 A non-fusible	240	DT226UGK	DT226URK	(2) 250 kcmil	(2) 500 kcmil	Cu/Al	63.97 (1624.8)	25.32 (643.1)	14.01 (355.9)	8.96 (227.6)
	600	DT266UGK	DT266URK	(2) 250 kcmil	(2) 500 kcmil	Cu/Al	63.97 (1624.8)	25.32 (643.1)	14.01 (355.9)	8.96 (227.6)
600 A fusible	240	DT226FGK	DT226FRK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	61.52 (1562.6)	29.32 (744.7)	25.62 (650.8)	20.47 (520.0)
	600	DT266FGK	DT266FRK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	61.52 (1562.6)	29.32 (744.7)	25.62 (650.8)	20.47 (520.0)
800 A non-fusible ❷	600	DT267UGK	DT267URK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	63.31 (1608.1)	27.44 (696.9)	14.12 (358.6)	8.88 (225.6)
800 A fusible ❸❹	240	DT227FGK	DT227FRK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	58.86 (1495.1)	28.12 (714.3)	25.62 (650.7)	20.47 (520.0)
	600	DT267FGK	—	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	58.86 (1495.1)	28.12 (714.3)	25.62 (650.7)	20.47 (520.0)
1200 A non-fusible	600	DT268UGK	DT268URK	(4) 1/0	(4) 750 kcmil	Cu/Al	78.11 (1984.0)	42.62 (1082.6)	25.62 (650.7)	20.47 (520.0)
1200 A fusible ❹	240	DT228FGK	DT228FRK	(4) 1/0	(4) 750 kcmil	Cu/Al	78.11 (1984.0)	42.62 (1082.6)	25.62 (650.7)	20.47 (520.0)
Three-pole										
600 A non-fusible	240	DT326UGK	DT326URK	(2) 250 kcmil	(2) 500 kcmil	Cu/Al	63.97 (1624.8)	25.32 (643.1)	14.01 (355.9)	8.96 (227.6)
	600	DT366UGK	DT366URK	(2) 250 kcmil	(2) 500 kcmil	Cu/Al	63.97 (1624.8)	25.32 (643.1)	14.01 (355.9)	8.96 (227.6)
600 A fusible	240	DT326FGK	DT326FRK	(3) 250 kcmil	(3) 250 kcmil	Cu/Al	61.52 (1562.6)	29.32 (744.7)	25.62 (650.8)	20.47 (520.0)
	600	DT366FGK	DT366FRK	(3) 250 kcmil	(3) 250 kcmil	Cu/Al	61.52 (1562.6)	29.32 (744.7)	25.62 (650.8)	20.47 (520.0)
800 A non-fusible ❷	240	DT327UGK	—	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	63.31(1608.1)	27.44 (696.9)	14.12 (358.6)	8.88 (225.6)
	600	DT367UGK	DT367URK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	63.31(1608.1)	27.44 (696.9)	14.12 (358.6)	8.88 (225.6)
800 A fusible ❸❹	240	DT327FGK	DT327FRK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	58.86 (1495.1)	28.12 (714.3)	25.62 (650.7)	20.47 (520.0)
	600	DT367FGK	DT367FRK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	58.86 (1495.1)	28.12 (714.3)	25.62 (650.7)	20.47 (520.0)
1200 A non-fusible	600	DT368UGK	DT368URK	(4) 1/0	(4) 750 kcmil	Cu/Al	78.11 (1984.0)	42.62 (1082.6)	25.62 (650.7)	20.47 (520.0)
1200 A fusible ❹	240	DT328FGK	DT328FRK	(4) 1/0	(4) 750 kcmil	Cu/Al	78.11 (1984.0)	42.62 (1082.6)	25.62 (650.7)	20.47 (520.0)
600	DT368FGK	DT368FRK	(4) 1/0	(4) 750 kcmil	Cu/Al	78.11 (1984.0)	42.62 (1082.6)	25.62 (650.7)	20.47 (520.0)	
Four-pole										
600 A fusible	600	DT466UGK	DT466URK	(2) 250 kcmil	(2) 500 kcmil	Cu/Al	64.06 (1627.1)	28.63 (727.2)	14.04 (356.6)	9.01 (228.9)
800 A non-fusible ❷	600	DT467UGK	DT467URK	(3) 250 kcmil	(3) 500 kcmil	Cu/Al	63.31 (1608.1)	27.44 (696.9)	14.12 (358.6)	8.88 (225.6)

- ❶ All products are available with a factory-installed neutral. For fusible catalog numbers, change "F" to "N". For non-fusible switches, add "N" to end of catalog number.
- ❷ Traditional design—switches are in a vertical arrangement—NOT a stacked design. The stacked design is reflected in the 600 A and 800 A fusible, 1200 A fusible and 1200 A non-fusible.
- ❸ 600 A and 800 A fusible can allow two loads to be alternately supplied by a single power source. For applications involving two loads and one source, add "R" to end of catalog number.
Note: This modification is a vertical arrangement and is NOT a stacked design.
- ❹ All 800 A and 1200 A fusible switches are designed to accept Class L fuses (field convertible to Class T).

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