

Types EU and EUH Enclosed fused cutouts

Product features

- For outdoor use only
- All live parts enclosed
- Interrupting capacities:
14 kAIC at 2.6 kV to 8 kAIC at 7.8 kV

Description

The ABB EU and EUH fuse cutouts are enclosed in a polymer concrete housing. They are furnished with a flipper latch assembly that aids in ejecting larger links. All EU and EUH units come with a NEMA “A” crossarm mounting bracket and a toggle screw that can make the operation “non-dropout”.

The EU and EUH fuses are totally enclosed cutouts (no live parts exposed) for the 2.6 to 7.8 kV range where space is tight. The fuse tubes for the EU and EUH cutouts are a centerless ground, glass filament wound, unpainted tube with a horn fiber liner.

Application

ABB type EU and EUH cutouts provide a complete line of enclosed polymer concrete cutouts. Only one box is needed for all voltage ratings. Two doors with fuse tubes and one door with a disconnect blade all fit in one box. This flexibility offers a great convenience to utilities who wish to increase the rating above 50 A or obtain extra heavy duty interrupting capacity in the future.

- Universal application:
One cutout rated 100 A fused can be used on any system voltage from 2.4 kV delta to 13.8 kV three-phase grounded wye.
- Industrial application:
EU and EUH cutouts can be used in replacement applications in close spaces where there are increased safety needs.
- Self-contained:
Designed for either dropout or non-dropout operation, EU and EUH cutouts are field adjustable with a screwdriver.
- Door interchangeability:
All doors and boxes are mechanically interchangeable.



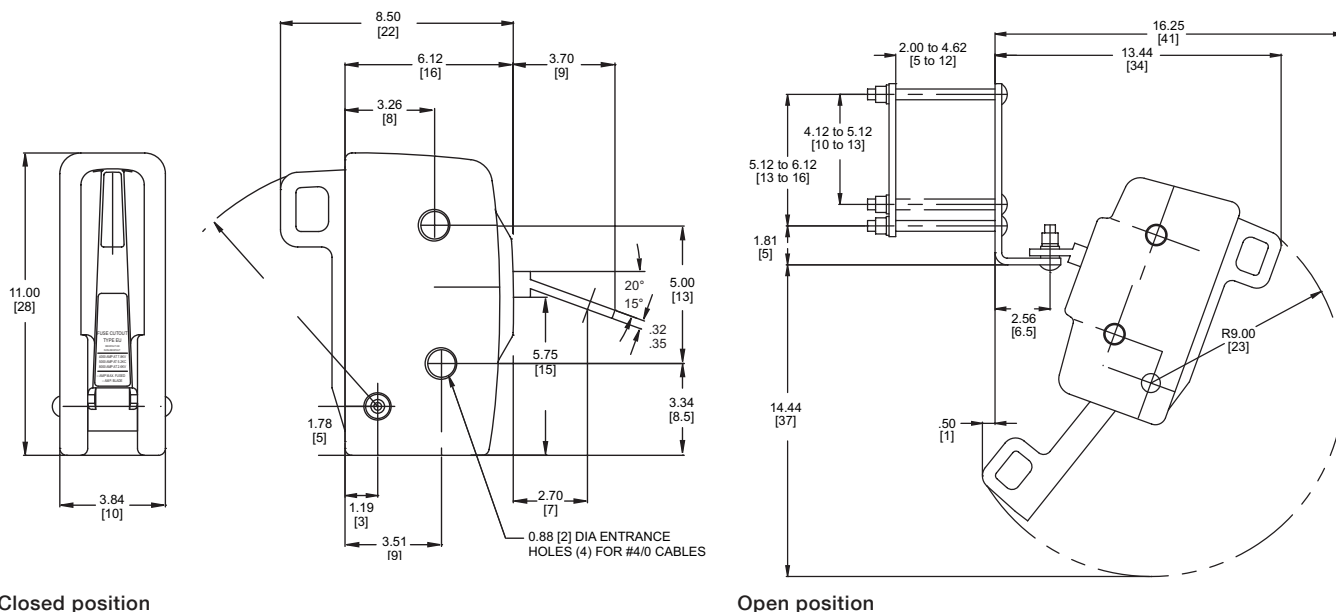
Ratings

EU ratings are normal duty up to 14,000 A single shot. The EUH heavy duty rating is for higher interrupting currents up to 20,000 A single shot.

Standards and design testing

The EU and EUH enclosed cutouts meet or exceed all applicable requirements of NEMA SG-2-1986 and ANSI C37.41.1981 and C37.42-1981 standards.

Unit dimensions



Closed position

Open position

Selection guide

			Maximum interrupting rating (Rms asymmetrical amperes)								
			2.6 kV		5.2 kV		7.8 kV (13.8 kV grounded wye)				
Type	Description	Max. continuous current amperes	NEMA 5-shot	Max. 1-shot	NEMA 5-shot	Max. 1-shot	NEMA 5-shot	Max. 1-shot	Style number	Weight (lbs)	(kg)
EU	Fusible	100	8000	14000	5000	10000	4000	8000	632A808A01	18	8
EU	Disconnect *	200	-	-	-	-	-	-	632A811A01	19	9
EUH	Fusible	100	14000	20000	10000	15000	8000	12000	632A814A01	18	8
EUH	Fusible *	100	14000	20000	10000	15000	8000	12000	632A813A01	18	8

* Non-fusible, non-dropout

* This style supplied with toggle screw removed for "dropout" operation.

Standard design features

- The 100 A EU and EUH is furnished with a flipper latch assembly to aid in ejecting the larger links.
- All units are furnished with a NEMA "A" crossarm mounting bracket.
- The caps on all tubes and disconnect blades are smooth top caps.
- The fusible cutouts are furnished with a toggle screw that can make the operation non-dropout.
- The fuse tubes for the EU and EUH cutouts are a centerless ground, glass filament wound, unpainted tube with a horn fiber liner.
- Ratings are on the cutout door for quick viewing.

Note: