



AMPACT FUSE IN-LINE MOUNT (FILM)

29 kV AND 35 kV CLASS

KEY FEATURES

- Install with standard AMPACT tooling anywhere along distribution power line spans
- Quick easy manual or hotstick application
- No line tensioning devices required for installation
- Facilitates easy installation and replacement of industry standard Power Fuses

TE Connectivity's (TE) AMPACT Fuse In-Line Mount (FILM) combines the reliability of industry standard power fuse components and a double string of polymeric insulators with the AMPACT dead-end yoke assembly. The result is a fused in-line disconnect that can be installed without the need for tensioning devices. The unit is designed to easily accommodate industry standard fuse barrels in field applications. Standard AMPACT tap application procedures are used to make both electrical and mechanical connections simultaneously. The AMPACT FILM can be installed on standard stranded AAC or ACSR in conductor sizes from 2 to 556.5.

The proven performance of AMPACT dead-end technology has been utilized in the design of the AMPACT FILM. The dead-end yokes are bolted to (2) two polymeric insulators which allow for; the installation anywhere in a cable span, easy replacement of fuse unit, and prevents rolling of the switch. The fuse mount assembly is connected to the AMPACT dead-end yoke assemblies between and below the double string of insulators. This unique design provides adequate space for cutting the conductor after installation of the AMPACT dead-end taps. Conductor ends can be bent back or remove if using the new keepers, it can be cut flush on each end.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

AMPACT Fuse In-line Mount (FILM)



TECHNICAL INFORMATION

Voltage	29 kV (150 kV BIL), 35 kV (200 kV BIL)
Current	6-200 Amps
Frequency	60Hz
Short-Circuit Interrupting Rating	20kA, 16kA (Asymmetrical)
Short-Circuit Interrupting Rating	16kA, 12.8kA (Symmetrical)
Tensile Rating of Pulling Eye	6000 lbs
Dead-end Yoke assembly Rating	10,000 lbs Tensile
Hot-Stick Applications	C and Wedge Holder 69900
S&C SMD Fuse holder	2182522-1

TECHNICAL DOCUMENTS

Instruction Sheet	408-32171
Test Report	502-47452(I)

APPROVALS

ANSI	C119.4
IEEE	C37.40, C37.41, C37.46

PRODUCT SELECTION INFORMATION

Conductors Accommodated			Replacements Taps	29 kV, 150 kV BIL		35 kV, 200 kV BIL	
Body Size	ACSR	AAC		w/Taps	w/o Taps	w/Taps	w/o Taps
X-Small *	#2 1/0 (6/1) 2/0 (6/1)	1/0	1-83843-0	2182407-7	2182383-4	2182408-7	2182384-4
X-Small	1/0 (6/1) 2/0 (6/1)	1/0	1-83843-0	2182407-1	2182383-1	2182408-1	2182384-1
Small	3/0 (6/1) 4/0 (6/1)	4/0	83843-7	2182407-2	2182383-2	2182408-2	2182384-2
Small	266.8 (18/1)	266.8	83843-1	2182407-3	2182383-2	2182408-3	2182384-2
Small	266.8 (26/7)	397.5	83843-2	2182407-4	2182383-2	2182408-4	2182384-2
Small	336.4 (18/1) (26/7) (30/7)	336.4, 350	83843-2	2182407-4	2182383-2	2182408-4	2182384-2
Large	397.5 (18/1) (24/7) (26/7) (30/7)	450, 477	83843-3	2182407-5	2182383-3	2182408-5	2182384-3
Large	477.0 (18/1)	500	83843-3	2182407-5	2182383-3	2182408-5	2182384-3
Large	477.0 (26/7)	556.5	83843-4	2182407-6	2182383-3	2182408-6	2182384-3
Large	556.5 (18/1)	556.5	83843-4	2182407-6	2182383-3	2182408-6	2182384-3

X-Small *New part numbers that include a #2 application.

X-Small Will be discontinued in 6 months

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