

Disconnect Switches and Operating Mechanisms

Section 7

General-Duty HCI

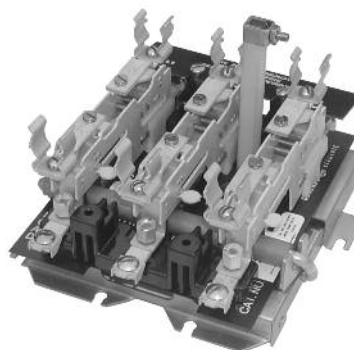
Factory Assembled Fuse Clips

TDM Door-Mounted Handle

240, 480, 600 Vac, 250 Vdc

Product Description

These 30-200 ampere disconnect switches are complete with fuse clips and line/load lugs, both factory assembled, and over-packed NEMA 12 handle operators (TDM). They are listed in UL "Recognized Component Index" (WHTY2) for mounting in a vertical position, line side up. They provide 600 volt industrial control electrical spacings and are described in UL File E-36152. For units with 600 Volt enclosed switch spacings, select individual components from pages 7-11 to 7-14. They are suitable for use on circuits with available short-circuit currents to 10,000 amperes.



TH3161AFC Disconnect Switch

Assembled Switches with Lugs, Fuse Clips, Operating Shafts and Handle Operators Max. Horsepower Ratings

Disconnect Switch (Amperes)	Max. HP Rating ¹ @ 240Vac 3-Phase	Max. HP Rating ¹ @ 480Vac 3-Phase	Max. HP Rating ¹ @ 600Vac 3-Phase	Max. HP Rating @ 250Vdc	Product Number
30A	7.5	15	20	5	THC3100AFC
30A	7.5	-	-	5	THC3121AFC
30A	-	15	20	5	THC3161AFC
60A	15	30	50	10	THC3200AFC
60A	15	-	-	10	THC3222AFC
60A	-	30	50	10	THC3262AFC
100A	30	60	75	20	THC3300AFC
100A	30	-	-	20	THC3323AFC
100A	-	60	75	20	THC3363AFC
200A	60	100	100	40	THC3400AFC
200A	60	-	-	40	THC3424AFC
200A	-	100	100	40	THC3464AFC

Assembled Switches with Lugs, Fuse Clips, Operating Shafts and Handle Operators²

Ampere Rating	Fuse Clip Rating (Ampere) @ 250Vdc Max.	Fuse Clip Rating (Ampere) @ 600Vac Max.	Lug Wire Size	Adjustable Handle Shaft Will Fit Enclosure Depths Min-Max ³	Product Number
30A	No-Fuse—600V	No-Fuse—600V	#14-8 CU	5 1/16-7 15/16	THC3100AFC
30A	30	N/A	#14-8 CU	5 1/16-7 15/16	THC3121AFC
30A	N/A	30	#14-8 CU	5 1/16-7 15/16	THC3161AFC
60A	No-Fuse—600V	No-Fuse—600V	#14-2 CU	5 13/16-9 1/4 (5 9/16)	THC3200AFC
60A	60	N/A	#14-2 CU	5 13/16-9 1/4 (5 9/16)	THC3222AFC
60A	N/A	60	#12-2 AL	5 13/16-9 1/4 (5 9/16)	THC3262AFC
100A	No-Fuse—600V	No-Fuse—600V	#14 1/0 CU-AL	7 1/4-9 1/8 (6 7/16) ⁴	THC3300AFC
100A	100	N/A	#14 1/0 CU-AL	7 1/4-9 1/8 (6 7/16) ⁴	THC3323AFC
100A	N/A	100	#14 1/0 CU-AL	7 1/4-9 1/8 (6 7/16) ⁴	THC3363AFC
200A	No-Fuse—600V	No-Fuse—600V	#6-250 kcmil CU-AL	9 1/4-14 3/4	THC3400AFC
200A	200	N/A	#6-250 kcmil CU-AL	9 1/4-14 3/4	THC3424AFC
200A	N/A	200	#6-250 kcmil CU-AL	9 1/4-14 3/4	THC3464AFC

¹Maximum hp ratings for fusible units may require fuses with time-delay characteristics.

²For switch with under- or over-fusing, use individual components on pages 7-11 to 7-14.

³Handle and shaft provided are "pendulum" type. If "up-down" operation is required, order individual components.

⁴Inside enclosure depth may be reduced to these depths while maintaining electrical spacings—requires cutting handle shaft.

