

# Disconnect Switches and Operating Mechanisms

## Section 9

### General-Duty HCI

Individual Components

30-200 Amperes

240, 480, 600 Vac, 250 Vdc

#### Basic Switch

Ampere Rating	No. of Poles	Product Number
30A	3	THC31 <sup>1</sup>
30A	3	THC31S <sup>2,4</sup>
60A	3	THC32 <sup>3</sup>
60A	3	THC32S <sup>2</sup>
100A	3	THC33 <sup>1</sup>
100A	3	THC33S <sup>2</sup>
200A	3	THC34 <sup>1</sup>
200A	3	THC34S <sup>2</sup>

Auxiliary switch (SPDT) for HCI rated .5 ampere at 125Vdc, .25 ampere at 250Vdc, 15 ampere at 480Vac. Product Number 343L296G2.

HCI switches, fuse and no-fuse kits, are listed in UL "Recognized Component Index" (WHY2) for mounting in a vertical position, line side up. UL File E-36152.

Line shield included with THC31 and THC31S. All other line shields included with fuse-clip or no-fuse kits.

For **Two-pole applications**—Use two poles of three-pole switch.

HCI switches, fuse and no-fuse kits, are listed in UL "Recognized Component Index" (WHY2) for mounting in a vertical position, line side up. UL File E-36152.

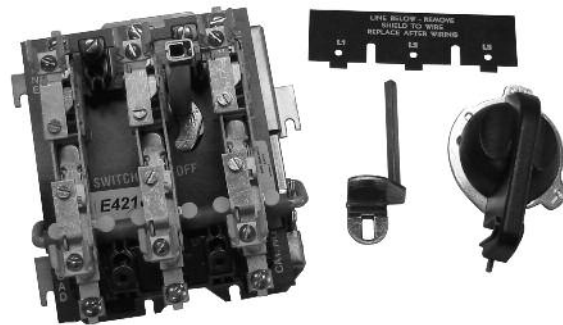
Inside enclosure depth may be reduced to these depths while maintaining electrical spacings—requires cutting handle shaft.

<sup>1</sup>For basic switches with UL 600 Volt industrial control and 250 Volt enclosed switch and switchboard clearance spacings.

<sup>2</sup>With UL 600 Volt enclosed switch and switchboard clearance spacings.

<sup>3</sup>Basic switch with UL 600 Volt industrial control spacings only.

<sup>4</sup>For 30 ampere switch with 600 Volt enclosed switch spacing and 60 ampere terminals, order Product Number THC31SSE.



#### Operating Shafts and TDM Handles

Component Type	Ampere Rating	Shaft Length	Shaft Operation	Nom. And Max. Inside Enclosure Depths (in.)	Enclosure Type	Product Number
Adjustable Operating Shafts	30A	Standard	Up-Down	5 1/16-7 15/16	-	THC1
Adjustable Operating Shafts	30A	Standard	Pendulum	5 1/16-7 15/16	-	THC1P
Adjustable Operating Shafts	30A 60A	Long	Up-Down	11 1/8 (5 9/16)-14	-	THC1L
Adjustable Operating Shafts	30A 60A	Long	Pendulum	11 1/8 (5 9/16)-14	-	THC1PL
Adjustable Operating Shafts	60A	Standard	Up-Down	5 13/16 (5 9/16)-9 1/4	-	THC2
Adjustable Operating Shafts	60A	Standard	Pendulum	5 13/16 (5 9/16)-9 1/4	-	THC2P
Adjustable Operating Shafts	100A	Standard	Up-Down	7 1/4 (6 7/16)-9 1/8	-	THC3
Adjustable Operating Shafts	100A	Standard	Pendulum	7 1/4 (6 7/16)-9 1/8	-	THC3P
Adjustable Operating Shafts	100A	Long	Up-Down	12 1/8 (6 7/16)-14	-	THC3L
Adjustable Operating Shafts	100A	Long	Pendulum	12 1/8 (6 7/16)-14	-	THC3PL
Adjustable Operating Shafts	200A	Standard	Up-Down	9 1/4-14 3/4	-	THC4
Adjustable Operating Shafts	200A	Standard	Pendulum	9 1/4-14 3/4	-	THC4P
Adjustable Operating Shafts	200A	Long	Up-Down	14 11/32 (9 1/4)-20	-	THC4L
Adjustable Operating Shafts	200A	Long	Pendulum	14 11/32 (9 1/4)-20	-	THC4PL
TDM Handles	30A 60A 100A	-	-	-	NEMA Type 1 NEMA Type 3R NEMA Type 12 NEMA Type 12K	THCH1
TDM Handles	200A	-	-	-	NEMA Type 1 NEMA Type 3R NEMA Type 12 NEMA Type 12K	THCH4
TDM Handles	-	-	-	-	NEMA Type 4/4X	THCH4 <sup>5</sup>

<sup>5</sup>Includes interlock for use only with 30-60 ampere HCI pendulum-operated shaft.

