

# Industrial Circuit Breakers

10-150A Circuit Breakers  
 Thermal-Magnetic Trip  
 E150 Line Circuit Breakers  
 Types TEB, TED, THED  
 Noninterchangeable Trip



## Product Number Structure

<b>TEB</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>015</b>	<b>WL</b>
<b>Family/Interruption Rating</b>					<b>Lugs</b>
TEB = Core E / Low Tier					(blank) = Load Lugs
TED = Core E / Mid Tier					WL = Line & Load
THED = Core E / High Tier					
<b>Frame Rating (Amperes)</b>					<b>Ampere Rating</b>
1 = 150					010 to 150
<b>Poles</b>					<b>Voltage Rating</b>
1 = 1 pole					1 = 120V
2 = 2 poles					4 = 480V
3 = 3-poles					2 = 240V
					6 = 600V
					3 = 277V

Interruption Ratings shown on page 6-7

Note: This information is provided for interpreting product numbers (it should not be used to build product numbers).

## Single Pole — Includes Cu/Al load lugs only. If line lugs are required, add suffix “WL” to Product Number.

Ampere Rating	Type TEB		Type TED		Type THED	
	120 Vac 125 Vdc	277 Vac 125 Vdc	347 Vac <sup>1</sup>	277 Vac	347 Vac <sup>1</sup>	
	Product Number	Product Number	Product Number	Product Number	Product Number	
10	TEB111010 <sup>2,4</sup>	TED113010 <sup>2,4</sup>	—	—	—	
15	TEB111015 <sup>3,4</sup>	TED113015 <sup>3,4</sup>	TED114015 <sup>3,4</sup>	THED113015 <sup>4</sup>	THED114015 <sup>3,4</sup>	
20	TEB111020 <sup>3,4</sup>	TED113020 <sup>3,4</sup>	TED114020 <sup>3,4</sup>	THED113020 <sup>4</sup>	THED114020 <sup>3,4</sup>	
25	TEB111025 <sup>4</sup>	TED113025 <sup>4</sup>	TED114025 <sup>4</sup>	THED113025 <sup>4</sup>	THED114025 <sup>4</sup>	
30	TEB111030 <sup>4</sup>	TED113030 <sup>4</sup>	TED114030 <sup>4</sup>	THED113030 <sup>4</sup>	THED114030 <sup>4</sup>	
35	TEB111035 <sup>4</sup>	TED113035 <sup>4</sup>	—	—	—	
40	TEB111040 <sup>4</sup>	TED113040 <sup>4</sup>	—	—	—	
45	TEB111045 <sup>4</sup>	TED113045 <sup>4</sup>	—	—	—	
50	TEB111050 <sup>4</sup>	TED113050 <sup>4</sup>	—	—	—	
60	TEB111060	TED113060	—	—	—	
70	TEB111070	TED113070	—	—	—	
80	TEB111080	TED113080	—	—	—	
90	TEB111090	TED113090	—	—	—	
100	TEB111100	TED113100	—	—	—	

## Two Pole — Includes Cu/Al line and load lugs. For optional lugs, see page 6-174 and 6-175.

Ampere Rating	Type TEB		Type TED	Type THED, Hi-Break <sup>5</sup>
	240 Vac, 250 Vdc		480 Vac, 250 Vdc	480 Vac, 250 Vdc
	Product Number		Product Number	Product Number
10	TEB122010WL <sup>2,4</sup>		TED124010WL <sup>2,4</sup>	—
15	TEB122015WL <sup>4</sup>		TED124015WL <sup>4</sup>	THED124015WL <sup>4</sup>
20	TEB122020WL <sup>4</sup>		TED124020WL <sup>4</sup>	THED124020WL <sup>4</sup>
25	TEB122025WLv		TED124025WL <sup>4</sup>	THED124025WL <sup>4</sup>
30	TEB122030WL <sup>4</sup>		TED124030WL <sup>4</sup>	THED124030WL <sup>4</sup>
35	TEB122035WL <sup>4</sup>		TED124035WL <sup>4</sup>	THED124035WL <sup>4</sup>
40	TEB122040WL <sup>4</sup>		TED124040WL <sup>4</sup>	THED124040WL <sup>4</sup>
45	TEB122045WL <sup>4</sup>		TED124045WL <sup>4</sup>	THED124045WL <sup>4</sup>
50	TEB122050WL <sup>4</sup>		TED124050WL <sup>4</sup>	THED124050WL <sup>4</sup>
60	TEB122060WL		TED124060WL	THED124060WL
70	TEB122070WL		TED124070WL	THED124070WL
80	TEB122080WL		TED124080WL	THED124080WL
90	TEB122090WL		TED124090WL	THED124090WL
100	TEB122100WL		TED124100WL	THED124100WL
110	—		TED124110WL	—
125	—		TED124125WL	—
150	—		TED124150WL	—

<sup>1</sup>Suitable for 10 kAIC at 480 Vac, but not labeled or UL listed.

<sup>2</sup>Not UL listed, rated 5kA @ 120V, 240V and 480V.

<sup>3</sup>Single-pole, 15- and 20-ampere breakers are also UL listed as switching duty breakers, suitable for switching 120 Vac (TEB), 277, 347 Vac (TED, THED) fluorescent lighting loads.

<sup>4</sup>UL listed for HID (high intensity discharge).

<sup>5</sup>Two-pole breaker is furnished in three-pole case.

Notes: All TEB, TED, THED breakers UL listed as HACR type except 10 ampere. All TEB, TED, THED breakers suitable for reverse feed. 60/75°C rating through 100 amperes, 75°C rating above 100 amperes.