

# T4

## 250A, 600V Δ

### Electronic and thermal magnetic



**Dimensions** 3P Fixed Version 8.07H x 4.13W x 4.07D  
**Weight** 6.18 (lbs)

#### General

The T4 breaker is a 250 amp frame with either a microprocessor based over current protective trip system or a thermal magnetic trip unit.

#### Standards

The UL489/CSA 22.2 version of T4 also carries an IEC-60947-2 rating.

#### Versions

To meet all application requirements, the T4 is available in the following versions:

- T = Thermal-magnetic
- B = Selectable & adjustable LI or LS
- C = Adjustable LSI
- E = Adjustable LSIG
- D = Molded Case Switch
- E5 = Electronic instantaneous only (MCP)

#### Trip functions

These trip functions are available:

- L = Long time
- S = Short time
- I = Instantaneous
- G = Ground fault

#### Performance levels

Each version is also available in different maximum fault interrupting levels:

- N = Normal
- S = Standard
- H = High - UL Current Limiting
- L = Extra high
- V = Very high - UL Current Limiting

#### Number of poles <sup>③</sup>

The T4 is available in two, three and four pole versions. Estimate 4 pole pricing by adding 35% to the 3 pole price and contact your ABB sales person for details.

#### UL489 / CSA C22.2 Interrupting capacity (kA RMS)

Voltage	N	S	H	L	V
240VAC	65	100	150	200	200
480VAC	25	35	65	100	150
600VAC	18	25	35	65	100
500VDC <sup>①</sup>	25	35	50	65	100
600VDC <sup>②</sup>	16	25	35	50	65

#### IEC 60947-2 Interrupting capacity (kA RMS)

Voltage	N	S	H	L	V
230VAC	70	85	100	200	200
415VAC	36	50	70	120	200
690VAC	20	25	40	70	80
750VDC <sup>②</sup>	16	25	36	50	70

<sup>①</sup> 2 poles in series.  
<sup>②</sup> 3 poles in series.  
<sup>③</sup> 2 pole breakers available in N version only. 4 pole breakers available in N and H version only.

## T4 250A, 600V Δ Electronic (AC only)

### 100A Frame, electronic trip unit (AC only)

Breaker	IC at 480VAC kA	Trip Unit	2 pole, 600V catalog number	List price	3 pole, 600V catalog number	List price
T4N	25	PR221 LS/I	T4N100BW-2	<b>\$ 1,808</b>	T4N100BW	<b>\$ 1,903</b>
		PR222 LSI	T4N100CW-2	<b>2,413</b>	T4N100CW	<b>2,540</b>
		PR222 LSIG	T4N100EW-2	<b>3,164</b>	T4N100EW	<b>3,330</b>
T4S	35	PR221 LS/I	-	-	T4S100BW	<b>2,370</b>
		PR222 LSI	-	-	T4S100CW	<b>3,164</b>
		PR222 LSIG	-	-	T4S100EW	<b>4,148</b>
T4H UL Current Limiting	65	PR221 LS/I	-	-	T4H100BW	<b>4,498</b>
		PR222 LSI	-	-	T4H100CW	<b>4,845</b>
		PR222 LSIG	-	-	T4H100EW	<b>5,877</b>
T4L	100	PR221 LS/I	-	-	T4L100BW	<b>5,954</b>
		PR222 LSI	-	-	T4L100CW	<b>6,063</b>
		PR222 LSIG	-	-	T4L100EW	<b>7,091</b>
T4V UL Current Limiting	150	PR221 LS/I	-	-	T4V100BW	<b>8,555</b>
		PR222 LSI	-	-	T4V100CW	<b>9,213</b>
		PR222 LSIG	-	-	T4V100EW	<b>9,957</b>

### 150A Frame, electronic trip unit (AC only)

Breaker	IC at 480VAC kA	Trip Unit	2 pole, 600V catalog number	List price	3 pole, 600V catalog number	List price
T4N	25	PR221 LS/I	T4N150BW-2	<b>\$ 1,948</b>	T4N150BW	<b>\$ 2,050</b>
		PR222 LSI	T4N150CW-2	<b>2,600</b>	T4N150CW	<b>2,737</b>
		PR222 LSIG	T4N150EW-2	<b>3,409</b>	T4N150EW	<b>3,588</b>
T4S	35	PR221 LS/I	-	-	T4S150BW	<b>2,542</b>
		PR222 LSI	-	-	T4S150CW	<b>3,394</b>
		PR222 LSIG	-	-	T4S150EW	<b>4,449</b>
T4H UL Current Limiting	65	PR221 LS/I	-	-	T4H150BW	<b>4,633</b>
		PR222 LSI	-	-	T4H150CW	<b>5,024</b>
		PR222 LSIG	-	-	T4H150EW	<b>6,094</b>
T4L	100	PR221 LS/I	-	-	T4L150BW	<b>6,174</b>
		PR222 LSI	-	-	T4L150CW	<b>6,288</b>
		PR222 LSIG	-	-	T4L150EW	<b>7,354</b>
T4V UL Current Limiting	150	PR221 LS/I	-	-	T4V150BW	<b>8,872</b>
		PR222 LSI	-	-	T4V150CW	<b>9,555</b>
		PR222 LSIG	-	-	T4V150EW	<b>10,326</b>

### 250A Frame, electronic trip unit (AC only)

Breaker	IC at 480VAC kA	Trip Unit	2 pole, 600V catalog number	List price	3 pole, 600V catalog number	List price
T4N	25	PR221 LS/I	T4N250BW-2	<b>\$ 2,006</b>	T4N250BW	<b>\$ 2,112</b>
		PR222 LSI	T4N250CW-2	<b>2,678</b>	T4N250CW	<b>2,819</b>
		PR222 LSIG	T4N250EW-2	<b>3,511</b>	T4N250EW	<b>3,696</b>
T4S	35	PR221 LS/I	-	-	T4S250BW	<b>2,573</b>
		PR222 LSI	-	-	T4S250CW	<b>3,435</b>
		PR222 LSIG	-	-	T4S250EW	<b>4,503</b>
T4H UL Current Limiting	65	PR221 LS/I	-	-	T4H250BW	<b>4,713</b>
		PR222 LSI	-	-	T4H250CW	<b>5,127</b>
		PR222 LSIG	-	-	T4H250EW	<b>6,219</b>
T4L	100	PR221 LS/I	-	-	T4L250BW	<b>6,300</b>
		PR222 LSI	-	-	T4L250CW	<b>6,416</b>
		PR222 LSIG	-	-	T4L250EW	<b>7,504</b>
T4V UL Current Limiting	150	PR221 LS/I	-	-	T4V250BW	<b>9,053</b>
		PR222 LSI	-	-	T4V250CW	<b>9,750</b>
		PR222 LSIG	-	-	T4V250EW	<b>10,537</b>

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## 250A, 600V Δ, 100% Rated Electronic (AC only)



### 100A Frame - 100% rated, electronic trip unit (AC only)

Breaker	IC at 480VAC kA	Trip Unit	3 pole, 600V catalog number	List price
T4N	25	PR221 LS/I	T4NQ100BW	<b>\$ 2,124</b>
		PR222 LSI	T4NQ100CW	<b>2,835</b>
		PR222 LSIg	T4NQ100EW	<b>3,716</b>
T4S	35	PR221 LS/I	T4SQ100BW	<b>2,645</b>
		PR222 LSI	T4SQ100CW	<b>3,531</b>
		PR222 LSIg	T4SQ100EW	<b>4,629</b>
T4H UL Current Limiting	65	PR221 LS/I	T4HQ100BW	<b>5,020</b>
		PR222 LSI	T4HQ100CW	<b>5,383</b>
		PR222 LSIg	T4HQ100EW	<b>6,530</b>
T4L	100	PR221 LS/I	T4LQ100BW	<b>6,616</b>
		PR222 LSI	T4LQ100CW	<b>6,737</b>
		PR222 LSIg	T4LQ100EW	<b>7,879</b>
T4V UL Current Limiting	150	PR221 LS/I	T4VQ100BW	<b>9,506</b>
		PR222 LSI	T4VQ100CW	<b>10,237</b>
		PR222 LSIg	T4VQ100EW	<b>11,063</b>

### 150A Frame - 100% rated, electronic trip unit (AC only)

Breaker	IC at 480VAC kA	Trip Unit	3 pole, 600V catalog number	List price
T4N	25	PR221 LS/I	T4NQ150BW	<b>\$ 2,288</b>
		PR222 LSI	T4NQ150CW	<b>3,055</b>
		PR222 LSIg	T4NQ150EW	<b>4,004</b>
T4S	35	PR221 LS/I	T4SQ150BW	<b>2,837</b>
		PR222 LSI	T4SQ150CW	<b>3,788</b>
		PR222 LSIg	T4SQ150EW	<b>4,965</b>
T4H UL Current Limiting	65	PR221 LS/I	T4HQ150BW	<b>5,171</b>
		PR222 LSI	T4HQ150CW	<b>5,582</b>
		PR222 LSIg	T4HQ150EW	<b>6,771</b>
T4L	100	PR221 LS/I	T4LQ150BW	<b>6,860</b>
		PR222 LSI	T4LQ150CW	<b>6,987</b>
		PR222 LSIg	T4LQ150EW	<b>8,171</b>
T4V UL Current Limiting	150	PR221 LS/I	T4VQ150BW	<b>9,858</b>
		PR222 LSI	T4VQ150CW	<b>10,616</b>
		PR222 LSIg	T4VQ150EW	<b>11,473</b>

### 250A Frame - 100% rated, electronic trip unit (AC only)

Breaker	IC at 480VAC kA	Trip Unit	3 pole, 600V catalog number	List price
T4N	25	PR221 LS/I	T4NQ250BW	<b>\$ 2,357</b>
		PR222 LSI	T4NQ250CW	<b>3,146</b>
		PR222 LSIg	T4NQ250EW	<b>4,125</b>
T4S	35	PR221 LS/I	T4SQ250BW	<b>2,872</b>
		PR222 LSI	T4SQ250CW	<b>3,788</b>
		PR222 LSIg	T4SQ250EW	<b>5,025</b>
T4H UL Current Limiting	65	PR221 LS/I	T4HQ250BW	<b>5,260</b>
		PR222 LSI	T4HQ250CW	<b>5,697</b>
		PR222 LSIg	T4HQ250EW	<b>6,910</b>
T4L	100	PR221 LS/I	T4LQ250BW	<b>7,000</b>
		PR222 LSI	T4LQ250CW	<b>7,129</b>
		PR222 LSIg	T4LQ250EW	<b>8,338</b>
T4V UL Current Limiting	150	PR221 LS/I	T4VQ250BW	<b>10,058</b>
		PR222 LSI	T4VQ250CW	<b>10,833</b>
		PR222 LSIg	T4VQ250EW	<b>11,708</b>