

T4

250A, 600V Δ

Electronic and thermal magnetic



T4

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 ③

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 ①	25	35	50	65	100
600VDC ②	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 ②	16	25	36	50	70

① 2 poles in series.

② 3 poles in series.

③ 2 pole breakers available in N version only. 4 pole breakers available in N and H version only.

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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	\$ 1,808	T4N100BW	\$ 1,903
		PR222 LSI	T4N100CW-2	2,413	T4N100CW	2,540
		PR222 LSIG	T4N100EW-2	3,164	T4N100EW	3,330
T4S	35	PR221 LS/I	-	-	T4S100BW	2,370
		PR222 LSI	-	-	T4S100CW	3,164
		PR222 LSIG	-	-	T4S100EW	4,148
T4H UL Current Limiting	65	PR221 LS/I	-	-	T4H100BW	4,498
		PR222 LSI	-	-	T4H100CW	4,845
		PR222 LSIG	-	-	T4H100EW	5,877
T4L	100	PR221 LS/I	-	-	T4L100BW	5,954
		PR222 LSI	-	-	T4L100CW	6,063
		PR222 LSIG	-	-	T4L100EW	7,091
T4V UL Current Limiting	150	PR221 LS/I	-	-	T4V100BW	8,555
		PR222 LSI	-	-	T4V100CW	9,213
		PR222 LSIG	-	-	T4V100EW	9,957

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	\$ 1,948	T4N150BW	\$ 2,050
		PR222 LSI	T4N150CW-2	2,600	T4N150CW	2,737
		PR222 LSIG	T4N150EW-2	3,409	T4N150EW	3,588
T4S	35	PR221 LS/I	-	-	T4S150BW	2,542
		PR222 LSI	-	-	T4S150CW	3,394
		PR222 LSIG	-	-	T4S150EW	4,449
T4H UL Current Limiting	65	PR221 LS/I	-	-	T4H150BW	4,633
		PR222 LSI	-	-	T4H150CW	5,024
		PR222 LSIG	-	-	T4H150EW	6,094
T4L	100	PR221 LS/I	-	-	T4L150BW	6,174
		PR222 LSI	-	-	T4L150CW	6,288
		PR222 LSIG	-	-	T4L150EW	7,354
T4V UL Current Limiting	150	PR221 LS/I	-	-	T4V150BW	8,872
		PR222 LSI	-	-	T4V150CW	9,555
		PR222 LSIG	-	-	T4V150EW	10,326

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	\$ 2,006	T4N250BW	\$ 2,112
		PR222 LSI	T4N250CW-2	2,678	T4N250CW	2,819
		PR222 LSIG	T4N250EW-2	3,511	T4N250EW	3,696
T4S	35	PR221 LS/I	-	-	T4S250BW	2,573
		PR222 LSI	-	-	T4S250CW	3,435
		PR222 LSIG	-	-	T4S250EW	4,503
T4H UL Current Limiting	65	PR221 LS/I	-	-	T4H250BW	4,713
		PR222 LSI	-	-	T4H250CW	5,127
		PR222 LSIG	-	-	T4H250EW	6,219
T4L	100	PR221 LS/I	-	-	T4L250BW	6,300
		PR222 LSI	-	-	T4L250CW	6,416
		PR222 LSIG	-	-	T4L250EW	7,504
T4V UL Current Limiting	150	PR221 LS/I	-	-	T4V250BW	9,053
		PR222 LSI	-	-	T4V250CW	9,750
		PR222 LSIG	-	-	T4V250EW	10,537

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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	\$ 2,124
		PR222 LSI	T4NQ100CW	2,835
		PR222 LSIG	T4NQ100EW	3,716
T4S	35	PR221 LS/I	T4SQ100BW	2,645
		PR222 LSI	T4SQ100CW	3,531
		PR222 LSIG	T4SQ100EW	4,629
T4H UL Current Limiting	65	PR221 LS/I	T4HQ100BW	5,020
		PR222 LSI	T4HQ100CW	5,383
		PR222 LSIG	T4HQ100EW	6,530
T4L	100	PR221 LS/I	T4LQ100BW	6,616
		PR222 LSI	T4LQ100CW	6,737
		PR222 LSIG	T4LQ100EW	7,879
T4V UL Current Limiting	150	PR221 LS/I	T4VQ100BW	9,506
		PR222 LSI	T4VQ100CW	10,237
		PR222 LSIG	T4VQ100EW	11,063

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	\$ 2,288
		PR222 LSI	T4NQ150CW	3,055
		PR222 LSIG	T4NQ150EW	4,004
T4S	35	PR221 LS/I	T4SQ150BW	2,837
		PR222 LSI	T4SQ150CW	3,788
		PR222 LSIG	T4SQ150EW	4,965
T4H UL Current Limiting	65	PR221 LS/I	T4HQ150BW	5,171
		PR222 LSI	T4HQ150CW	5,582
		PR222 LSIG	T4HQ150EW	6,771
T4L	100	PR221 LS/I	T4LQ150BW	6,860
		PR222 LSI	T4LQ150CW	6,987
		PR222 LSIG	T4LQ150EW	8,171
T4V UL Current Limiting	150	PR221 LS/I	T4VQ150BW	9,858
		PR222 LSI	T4VQ150CW	10,616
		PR222 LSIG	T4VQ150EW	11,473

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	\$ 2,357
		PR222 LSI	T4NQ250CW	3,146
		PR222 LSIG	T4NQ250EW	4,125
T4S	35	PR221 LS/I	T4SQ250BW	2,872
		PR222 LSI	T4SQ250CW	3,788
		PR222 LSIG	T4SQ250EW	5,025
T4H UL Current Limiting	65	PR221 LS/I	T4HQ250BW	5,260
		PR222 LSI	T4HQ250CW	5,697
		PR222 LSIG	T4HQ250EW	6,910
T4L	100	PR221 LS/I	T4LQ250BW	7,000
		PR222 LSI	T4LQ250CW	7,129
		PR222 LSIG	T4LQ250EW	8,338
T4V UL Current Limiting	150	PR221 LS/I	T4VQ250BW	10,058
		PR222 LSI	T4VQ250CW	10,833
		PR222 LSIG	T4VQ250EW	11,708