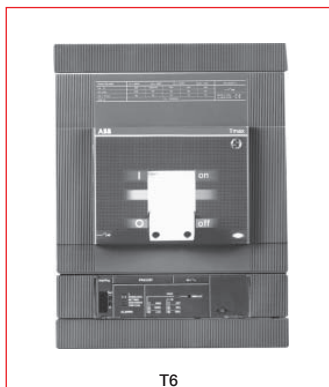


T6

600A / 800A, 600VAC Δ

Electronic & Thermal-Magnetic



T6

Dimensions 3P Fixed Version 10.55H x 8.26W x 4.07D
Weight 20.9 (lbs)

General

The T6 breaker is an 800 amp frame with either a microprocessor based over current protective trip system or a thermal magnetic trip unit. The T6 is available as a 600 or 800A frame.

Standards

The UL489/CSA C22.2 No. 5 version of T6 also carries an IEC-60947-2 rating.

Versions

To meet all application requirements, the T6 is available in the following versions:

- T = Thermal-magnetic, fixed
- 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
- L = Extra high

Number of Poles ⁽³⁾

The T6 is available as a 3 and 4 pole breaker.
 4 poles only available in N or H version.

Reverse Feeding

All versions of the T6 family are suitable for reverse feed application.

UL489 / CSA C22.2 Interrupting Capacity (kA RMS)

Voltage	N	S	H	L
240VAC	65	100	200	200
480VAC	35	50	65	100
600VAC	20	25	35	42
500VDC ⁽¹⁾	35	35	50	65
600VDC ⁽²⁾	20	20	35	50

IEC 60947-2 Interrupting Capacity (kA RMS)

Voltage	N	S	H	L
230VAC	70	85	100	200
415VAC	36	50	70	100
600VAC	20	22	25	30
750VDC ⁽²⁾	16	20	36	50

⁽¹⁾ 2 poles in series.

⁽²⁾ 3 poles in series.

⁽³⁾ 4 pole available N and H version only.

T6

600A / 800A, 600VAC Δ

Electronic (AC Only)

T6

T6-600A Frame, Electronic Trip Unit (AC Only) 240-600A Adjustable Range

Breaker	IC at 600VAC	Trip Unit	3-Pole, 600VAC Part Number	List Price	4-Pole, 600VAC Part Number	List Price
T6N	20kA	PR221 LS/I PR222 LSI PR222 LSIG	T6N600BW T6N600CW T6N600EW		T6N600BW-4 T6N600CW-4 T6N600EW-4	
T6S	25kA	PR221 LS/I PR222 LSI PR222 LSIG	T6S600BW T6S600CW T6S600EW			
T6H	35kA	PR221 LS/I PR222 LSI PR222 LSIG	T6H600BW T6H600CW T6H600EW		T6H600BW-4 T6H600CW-4 T6H600EW-4	
T6L	42kA	PR221 LS/I PR222 LSI PR222 LSIG	T6L600BW T6L600CW T6L600EW			

T6-800A Frame, Electronic Trip Unit (AC Only) 320-800A Adjustable Range

Breaker	IC at 600VAC	Trip Unit	3-Pole, 600VAC Part Number	List Price	4-Pole, 600VAC Part Number	List Price
T6N	20kA	PR221 LS/I PR222 LSI PR222 LSIG	T6N800BW T6N800CW T6N800EW		T6N800BW-4 T6N800CW-4 T6N800EW-4	
T6S	25kA	PR221 LS/I PR222 LSI PR222 LSIG	T6S800BW T6S800CW T6S800EW			
T6H	35kA	PR221 LS/I PR222 LSI PR222 LSIG	T6H800BW T6H800CW T6H800EW		T6H800BW-4 T6H800CW-4 T6H800EW-4	
T6L	42kA	PR221 LS/I PR222 LSI PR222 LSIG	T6L800BW T6L800CW T6L800EW			

T6-600A Frame, 100% Rated Electronic Trip Unit (AC Only) 240-600A Adjustable Range

Breaker	IC at 600VAC	Trip Unit	3-Pole, 600VAC Part Number	List Price
T6N	20kA	PR221 LS/I PR222 LSI PR222 LSIG	T6NQ600BW T6NQ600CW T6NQ600EW	
T6S	25kA	PR221 LS/I PR222 LSI PR222 LSIG	T6SQ600BW T6SQ600CW T6SQ600EW	
T6H	35kA	PR221 LS/I PR222 LSI PR222 LSIG	T6HQ600BW T6HQ600CW T6HQ600EW	
T6L	42kA	PR221 LS/I PR222 LSI PR222 LSIG	T6LQ600BW T6LQ600CW T6LQ600EW	

T6-800A Frame, 100% Rated Electronic Trip Unit (AC Only) 320-800A Adjustable Range

Breaker	IC at 600VAC	Trip Unit	3-Pole, 600VAC Part Number	List Price
T6N	20kA	PR221 LS/I PR222 LSI PR222 LSIG	T6NQ800BW T6NQ800CW T6NQ800EW	
T6S	25kA	PR221 LS/I PR222 LSI PR222 LSIG	T6SQ800BW T6SQ800CW T6SQ800EW	
T6H	35kA	PR221 LS/I PR222 LSI PR222 LSIG	T6HQ800BW T6HQ800CW T6HQ800EW	
T6L	42kA	PR221 LS/I PR222 LSI PR222 LSIG	T6LQ800BW T6LQ800CW T6LQ800EW	

T6

T6 600A / 800A, 600VAC Δ Electronic & Thermal-Magnetic

T6-600/800A Frame, Thermal-Magnetic Trip Unit

Breaker	IC at 600VAC	Rating	Magnetic Trip	3-Pole, 600VAC/600VDC Part Number	List Price	4-Pole, 600VAC/600VDC Part Number	List Price
T6N	20kA	600A 800A	3000 - 6000A 4000 - 8000A	T6N600TW T6N800TW		T6N600TW-4 T6N800TW-4	
T6S	25kA	600A 800A	3000 - 6000A 4000 - 8000A	T6S600TW T6S800TW			
T6H	35kA	600A 800A	3000 - 6000A 4000 - 8000A	T6H600TW T6H800TW		T6H600TW-4 T6H800TW-4	
T6L	42kA	600A 800A	3000 - 6000A 4000 - 8000A	T6L600TW T6L800TW			

T6-600/800A Frame, 100% Rated Thermal-Magnetic Trip Unit

Breaker	IC at 600VAC	Rating	Magnetic Trip	3-Pole, 600VAC/600VDC Part Number	List Price
T6N	20kA	600A 800A	3000 - 6000A 4000 - 8000A	T6NQ600TW T6NQ800TW	
T6S	25kA	600A 800A	3000 - 6000A 4000 - 8000A	T6SQ600TW T6SQ800TW	
T6H	35kA	600A 800A	3000 - 6000A 4000 - 8000A	T6HQ600TW T6HQ800TW	
T6L	42kA	600A 800A	3000 - 6000A 4000 - 8000A	T6LQ600TW T6LQ800TW	

T6-600A Frame, Motor Control Protection (MCP) Electronic Trip Unit (AC Only)

Breaker	IC at 600VAC	Trip Unit	Adjustment Range	3-Pole, 600VAC Part Number	List Price
T6N	20kA	PR221 DS-I	600-6000	T6N600E5W	
T6S	25kA	PR221 DS-I	600-6000	T6S600E5W	
T6H	35kA	PR221 DS-I	600-6000	T6H600E5W	
T6L	42kA	PR221 DS-I	600-6000	T6L600E5W	

T6-800A Frame, Motor Control Protection (MCP) Electronic Trip Unit (AC Only)

Breaker	IC at 600VAC	Trip Unit	Adjustment Range	3-Pole, 600VAC Part Number	List Price
T6N	20kA	PR221 DS-I	800-8000	T6N800E5W	
T6S	25kA	PR221 DS-I	800-8000	T6S800E5W	
T6H	35kA	PR221 DS-I	800-8000	T6H800E5W	
T6L	42kA	PR221 DS-I	800-8000	T6L800E5W	

T6-800A Frame, Molded Case Switch

Breaker	IC at 600VAC	Amp	Magnetic Trip	3-Pole, 600VAC/600VDC Part Number	List Price	4-Pole, 600VAC/600VDC Part Number	List Price
T6H	35kA	800	10,000	T6H800DW		T6H800DW-4	