

T5

400/600A, 600V Δ

Electronic and thermal magnetic



T5

Dimensions 3P Fixed Version 8.07H x 5.51W x 4.07D
Weight 8.55 (lbs)

General

The T5 breaker is a 400/600 amp frame with either a microprocessor based over current protective trip system or a thermal magnetic trip unit. ③

Standards

The UL489/CSA 22.2 version of T5 also carries an IEC-60947-2 rating.

Versions

To meet all application requirements, the T5 is available in the following versions:

- T = Thermal-magnetic
- B = Selectable & adjustable LI or LS
- C = Adjustable LSI
- E = Adjustable LSI^G
- 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 ④

The T5 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	16	25	36	50	70

① 2 poles in series.
 ② 3 poles in series.
 ③ T5 600A not available with thermal magnetic trip unit.
 ④ 2 pole available in N version only. 4 pole available in N and H version only.



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Thermal magnetic ①

300A - 400A Frames - thermal-magnetic trip units

Breaker	IC at 480VAC kA	Rating	Magnetic trip	2 pole, 600VAC/600VDC catalog number	List price	3 pole, 600VAC/600VDC catalog number	List price
T5N	25	300A 400A	1500-3000 2000-4000	T5N300TW-2 T5N400TW-2	\$ 2,481	T5N300TW T5N400TW	\$ 2,612
T5S	35	300A 400A	1500-3000 2000-4000	-	-	T5S300TW T5S400TW	2,880
T5H UL Current Limiting	65	300A 400A	1500-3000 2000-4000	-	-	T5H300TW T5H400TW	4,950
T5L	100	300A 400A	1500-3000 2000-4000	-	-	T5L300TW T5L400TW	6,400
T5V UL Current Limiting	150	300A 400A	1500-3000 2000-4000	-	-	T5V300TW T5V400TW	9,873

300A - 400A Frames - 100% rated, thermal-magnetic

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 600VAC/600VDC Catalog number	List price
T5N	25	300A 400A	1500-3000 2000-4000	T5NQ300TW T5NQ400TW	\$ 2,888
T5S	35	300A 400A	1500-3000 2000-4000	T5SQ300TW T5SQ400TW	3,185
T5H UL Current Limiting	65	300A 400A	1500-3000 2000-4000	T5HQ300TW T5HQ400TW	5,475
T5L	100	300A 400A	1500-3000 2000-4000	T5LQ300TW T5LQ400TW	7,078
T5V UL Current Limiting	150	300A 400A	1500-3000 2000-4000	T5VQ300TW T5VQ400TW	10,920

① T5 600A not available with Thermal Magnetic trip unit.