

T2

100A, 480V Δ

Thermal-magnetic/electronic/current limiting



Dimensions 3P Fixed Version 5.12H x 3.54W x 2.76D
Weight 2.84 (lbs)

General

The T2 breaker family ranges from 15 through 100 amperes. The T2 trip units are non-interchangeable and use the very latest technology in electromagnet relays for overcurrent trip protection as well as a version with microprocessor-based electronic trip unit. Thermal overload protection is provided by heat sensitive bimetals. State of the art construction in contacts and arcing chambers aid in limiting damaging fault currents through the protected circuits.

Standards

The UL489/CSA 22.2 version of T2 also carries an IEC-60947-2 rating.

Versions

The T2 frame is available in four versions:

- T = Thermal-magnetic, fixed
- B = Adjustable LS/I electronic
- M = Magnetic only (MCP)
- E5 = Electronic instantaneous only (MCP)

Trip functions

These tripping functions are available:

- L = Long time
- S = Short time
- I - Instantaneous

Performance levels

The T2 breaker has two performance levels available:

- S = Standard
- H = High - UL Current Limiting

Number of poles

The T2 is available in 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	Continuous rating	S	H
240VAC	15 – 100A	65	100
480VAC Δ	15 – 100A	35	65

IEC 60947-2 Interrupting capacity (kA RMS)

Voltage	Continuous rating	B (1 pole)	N
230VAC	15 – 100A	85	100
415VAC	15 – 100A	50	70
690VAC	15 – 100A	7	8
500VDC 2 pole series	15 – 100A	50	70



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T2 – 100A TMF thermal magnetic fixed

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC catalog number	List price
T2S	35kA	15A	500A	T2S015TW	\$ 690
		20A	500A	T2S020TW	
		25A	500A	T2S025TW	
		30A	500A	T2S030TW	
		40A	500A	T2S040TW	
		50A	500A	T2S050TW	
		60A	600A	T2S060TW	
		70A	700A	T2S070TW	793
		80A	800A	T2S080TW	
		90A	900A	T2S090TW	
		100A	1000A	T2S100TW	

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC catalog number	List price
T2H UL Current Limiting	65kA	15A	500A	T2H015TW	\$ 942
		20A	500A	T2H020TW	
		25A	500A	T2H025TW	
		30A	500A	T2H030TW	
		40A	500A	T2H040TW	
		50A	500A	T2H050TW	
		60A	600A	T2H060TW	
		70A	700A	T2H070TW	1,153
		80A	800A	T2H080TW	
		90A	900A	T2H090TW	
		100A	1000A	T2H100TW	

T2 – 100A TMF, 100% rated thermal magnetic fixed

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC catalog number	List price
T2S	35kA	15A	500A	T2SQ015TW	\$ 760
		20A	500A	T2SQ020TW	
		25A	500A	T2SQ025TW	
		30A	500A	T2SQ030TW	
		40A	500A	T2SQ040TW	
		50A	500A	T2SQ050TW	
		60A	600A	T2SQ060TW	
		70A	700A	T2SQ070TW	872
		80A	800A	T2SQ080TW	
		90A	900A	T2SQ090TW	
		100A	1000A	T2SQ100TW	

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Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC catalog number	List price
T2H UL Current Limiting	65kA	15A	500A	T2HQ015TW	\$ 1,025
		20A	500A	T2HQ020TW	
		25A	500A	T2HQ025TW	
		30A	500A	T2HQ030TW	
		40A	500A	T2HQ040TW	
		50A	500A	T2HQ050TW	
		60A	600A	T2HQ060TW	
		70A	700A	T2HQ070TW	1,268
		80A	800A	T2HQ080TW	
		90A	900A	T2HQ090TW	
		100A	1000A	T2HQ100TW	