T2
100A, 480V Δ
Thermal-magnetic/electronic/current limiting

T2

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 electromagnetic 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	150
480VAC Δ	15 – 100A	35	65

IEC 60947-2 Interrupting capacity (kA RMS)

Voltage	Continuous rating	S	H
230VAC	15 – 100A	85	100
415VAC	15 – 100A	50	70
690VAC	15 – 100A	7	8
500VDC 2 pole series	15 – 100A	50	70

T2
100A, 480V Δ
Thermal-magnetic/current limiting

T2 — 100A TMF thermal magnetic fixed

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

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

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 20A 25A 30A 40A 50A 60A	500A 500A 500A 500A 500A 500A 600A	T2SQ015TW T2SQ020TW T2SQ025TW T2SQ030TW T2SQ040TW T2SQ050TW T2SQ060TW	**$ 760**
		70A 80A 90A 100A	700A 800A 900A 1000A	T2SQ070TW T2SQ080TW T2SQ090TW T2SQ100TW	**872**

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

NOTE: See pages 16.57 - 16.70 for electrical/mechanical accessories.

T2
100A, 480V Δ, 100% rated
Electronic/Current limiting/MCP

Tmax MCCBs

T2 — 100A Frame, electronic trip unit (AC only)

Breaker	IC at 480VAC	Trip unit type	CT rating	3 pole, 480VAC catalog number	List price
T2S	35kA	PR221DS-LS/I	25A 60A 100A	T2S025BW T2S060BW T2S100BW	**$ 1,240** **1,240** **1,343**
T2H UL Current Limiting	65kA	PR221DS-LS/I	25A 60A 100A	T2H025BW T2H060BW T2H100BW	**1,492** **1,492** **1,703**

T2 – 100A Frame 100% rated, electronic trip unit (AC only)

Breaker	IC at 480VAC	Trip unit type	CT rating	3 pole, 480VAC catalog number	List price
T2S	35kA	PR221DS-LS/I	25A 60A	T2SQ025BW T2SQ060BW	**$ 1,363**
			100A	T2SQ100BW	**1,477**
T2H UL Current Limiting	65kA	PR221DS-LS/I	25A 60A	T2HQ025BW T2HQ060BW	**1,640**
			100A	T2HQ100BW	**1,873**

T2 — 100A Frame, instantaneous only (MCP)

Breaker	IC at 480VAC	Trip unit type	Rating	Adjustment range	3 pole, 480VAC catalog number	List price
T2S	35kA	Mag only	20A 50A 100A	120 - 240 300 - 600 600 – 1200	T2S020MW T2S050MW T2S100MW	**$ 598** **670** **804**
T2H	65kA	Mag only	20A 50A 100A	120 - 240 300 - 600 600 – 1200	T2H020MW T2H050MW T2H100MW	**673** **754** **904**

T2 — 100A Frame, instantaneous only, electronic (MCP - AC only)

Breaker	IC at 480VAC	Trip unit type	Rating	Adjustment range	3 pole, 480VAC catalog number	List price
T2S	35kA	Instantaneous only	25A 60A 100A	25 - 250 60 - 600 100 - 1000	T2S025E5W T2S060E5W T2S100E5W	**$ 1,178** **1,178** **1,276**
T2H	65kA	Instantaneous only	25A 60A 100A	25 - 250 60 - 600 100 - 1000	T2H025E5W T2H060E5W T2H100E5W	**1,417** **1,417** **1,618**

NOTE: See pages 16.57 - 16.70 for electrical/mechanical accessories.