

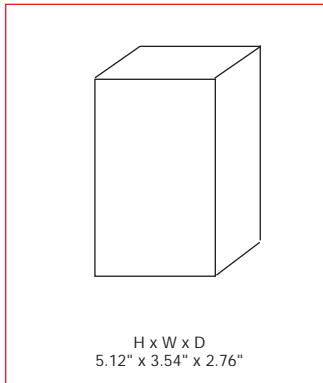
# T2

## 100A, 480V

### Thermal-magnetic/electronic



T2



H x W x D  
5.12" x 3.54" x 2.76"

#### General

The T2 breaker family ranges from 10 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.

#### 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

#### Number of poles

The UL/CSA version of the T2 is available in three and four pole versions. IEC versions of the T2 are also available with the same dimensions up to 160 amperes.

#### Accessory mounting

The T2 frame is double insulated allowing for UL/CSA factory or field installation of internal accessories. No extra control cables are required for field installation. Shunt trips or UVR's mount in the left cavity and auxiliary contacts with bell alarm mount in the right cavity.

#### Reverse feeding

All versions of the T2 family are suitable for reverse feed applications.

#### UL489 / CSA C22.2 Interrupting capacity (kA RMS)

Voltage	Continuous rating	S	H
240VAC	15 – 100A	65	100
480VAC	15 – 100A	35	65

#### IEC-947 Interrupting capacity (kA RMS)

Voltage	Continuous rating	S	H
230V	15 – 100A	85	100
415V	15 – 100A	50	70
440V	15 – 100A	45	55
500V	15 – 100A	30	36
690V	15 – 100A	7	8
250VDC 2 pole series	15 – 100A	50	70
500VDC 3 pole series	15 – 100A	50	70



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#### T2 — 100A TMF

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

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC catalog number	List price
T2H	65kA	15A	500A	T2H015TW	<b>\$ 942</b>
		20A	500A	T2H020TW	<b>942</b>
		25A	500A	T2H025TW	<b>942</b>
		30A	500A	T2H030TW	<b>942</b>
		40A	500A	T2H040TW	<b>942</b>
		50A	500A	T2H050TW	<b>942</b>
		60A	600A	T2H060TW	<b>942</b>
		70A	700A	T2H070TW	<b>1153</b>
		80A	800A	T2H080TW	<b>1153</b>
		90A	900A	T2H090TW	<b>1153</b>
		100A	1000A	T2H100TW	<b>1153</b>

#### 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	T2S025BW	<b>\$ 1240</b>
			60A	T2S060BW	<b>1240</b>
			100A	T2S100BW	<b>1343</b>
T2H	65kA	PR221DS-LS/I	25A	T2H025BW	<b>1492</b>
			60A	T2H060BW	<b>1492</b>
			100A	T2H100BW	<b>1703</b>

#### T2 — 100A frame magnetic only (MCP)

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

#### 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	25 - 250	T2S025E5W	<b>\$ 1178</b>
			60A	60 - 600	T2S060E5W	<b>1178</b>
			100A	100 - 1000	T2S100E5W	<b>1276</b>
T2H	65kA	Instantaneous only	25A	25 - 250	T2H025E5W	<b>1417</b>
			60A	60 - 600	T2H060E5W	<b>1417</b>
			100A	100 - 1000	T2H100E5W	<b>1618</b>

## T2

### 100A, 480V, 100% rated

### Thermal-magnetic/electronic



#### T2 – 100A TMF, 100% rated

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

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC catalog number	List price	
T2H	65kA	15A	500A	T2HQ015TW	<b>\$ 1025</b>	
		20A	500A	T2HQ020TW		
		25A	500A	T2HQ025TW		
		30A	500A	T2HQ030TW		
		40A	500A	T2HQ040TW		
		50A	500A	T2HQ050TW		
		60A	600A	T2HQ060TW		
		70A	700A	T2HQ070TW		<b>1268</b>
		80A	800A	T2HQ080TW		
		90A	900A	T2HQ090TW		
100A	1000A	T2HQ100TW				

#### 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	T2SQ025BW	<b>\$ 1363</b>
			60A	T2SQ060BW	
			100A	T2SQ100BW	<b>1477</b>
T2H	65kA	PR221DS-LS/I	25A	T2HQ025BW	<b>1640</b>
			60A	T2HQ060BW	<b>1873</b>
			100A	T2HQ100BW	