

## T3

### 225A, 600Y/347V, 480V Δ

#### Thermal-magnetic



T3

**Dimensions** 3P Fixed Version 5.9H x 4.13W x 2.76D

**Weight** 5.45 (lbs)

#### General

The T3 breaker family ranges from 60 through 225 amperes. The T3 trip units are non-interchangeable and use the very latest technology in electromagnetic relays for overcurrent trip protection. Thermal overload protection is provided by heat sensitive bimetals. Short circuit protection begins at 10 times the thermal rating of the breaker using a precise magnetic coil. 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 T3 also carries an IEC-60947-2 rating.

#### Versions

The T3 frame is available in three versions:

- T = Thermal-magnetic, fixed
- M = Magnetic only (MCP)
- D = Molded case switch

#### Performance levels

The T3 breaker has two performance levels available:

- N = Normal
- S = Standard

#### Number of poles

The T3 molded case circuit breaker 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	N	S
240VAC	60 – 225A	50	65
480VAC Δ	60 – 225A	25	35
600Y/347VAC	60 – 225A	10	10
250VDC 2 pole series	60 – 225A	25	35
500VDC 3 pole series	60 – 225A	25	35

#### IEC 60947-2 Interrupting capacity (kA RMS)

Voltage	Continuous rating	B (1 pole)	N
230VAC	60 – 225A	50	85
415VAC	60 – 225A	36	50
690VAC	60 – 225A	5	8
750VDC 3 pole series	60 – 225A	36	50

#### Molded case switches

UL489 switches include no overcurrent protection except for a high instantaneous trip mechanism for self protection.

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### Thermal-magnetic



#### T3 – 225A Frame TMF, thermal magnetic fixed

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC/500VDC catalog number	List price
T3N	25kA	60A	600A	T3N060TW	<b>\$ 615</b>
		70A	700A	T3N070TW	<b>740</b>
		80A	800A	T3N080TW	
		90A	900A	T3N090TW	
		100A	1000A	T3N100TW	
		125A	1250A	T3N125TW	<b>1,560</b>
		150A	1500A	T3N150TW	
		175A	1750A	T3N175TW	
		200A	2000A	T3N200TW	<b>1,560</b>
		225A	2250A	T3N225TW	

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 480VAC/500VDC catalog number	List price
T3S	35kA	60A	600A	T3S060TW	<b>\$ 790</b>
		70A	700A	T3S070TW	<b>970</b>
		80A	800A	T3S080TW	
		90A	900A	T3S090TW	
		100A	1000A	T3S100TW	
		125A	1250A	T3S125TW	<b>2,160</b>
		150A	1500A	T3S150TW	
		175A	1750A	T3S175TW	
		200A	2000A	T3S200TW	<b>2,160</b>
		225A	2250A	T3S225TW	

#### T3 – 225A Frame TMF, 100% rated thermal magnetic fixed

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 600/347V VAC/500VDC catalog number	List price
T3N	25kA	60A	600A	T3NQ060TW	<b>\$ 656</b>
		70A	700A	T3NQ070TW	<b>812</b>
		80A	800A	T3NQ080TW	
		90A	900A	T3NQ090TW	
		100A	1000A	T3NQ100TW	
		125A	1250A	T3NQ125TW	<b>1,717</b>
		150A	1500A	T3NQ150TW	
		175A	1750A	T3NQ175TW	
		200A	2000A	T3NQ200TW	<b>1,717</b>
		225A	2250A	T3NQ225TW	

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 600/347V VAC/500VDC catalog number	List price
T3S	35kA	60A	600A	T3SQ060TW	<b>\$ 778</b>
		70A	700A	T3SQ070TW	<b>1,065</b>
		80A	800A	T3SQ080TW	
		90A	900A	T3SQ090TW	
		100A	1000A	T3SQ100TW	
		125A	1250A	T3SQ125TW	<b>2,399</b>
		150A	1500A	T3SQ150TW	
		175A	1750A	T3SQ175TW	
		200A	2000A	T3SQ200TW	<b>2,399</b>
		225A	2250A	T3SQ225TW	