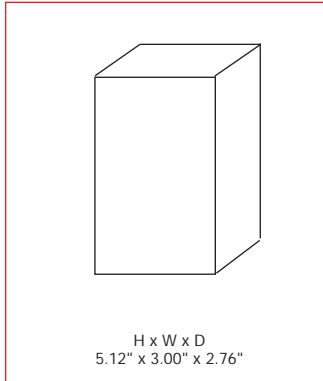


T1

100A, 600Y/347

Standard thermal-magnetic



General

The T1 breaker family ranges from 15 through 100 amperes. The T1 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 for the breaker is accomplished 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.

Versions

The T1 frame is available in two versions:

- T = Thermal-magnetic, fixed
- D = Molded case switch

Performance levels

The T1 breaker has two performance levels available:

- B = 277V Single pole
- N = 600Y / 347V Three pole

Number of poles

The UL/CSA version of the T1 is available in single, three and four pole versions. IEC versions of the T1 are also available with the same dimensions up to 160 amperes.

Accessory mounting

The T1 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 T1 family are suitable for reverse feed applications.

Molded case switches

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

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

Voltage	Continuous rating	B (1 pole)	N
240VAC	15 – 100A	—	50 ①
277VAC	15A	10	—
	20 – 100A	18	—
480VAC	15A	—	14
	20 – 100A	—	22
600Y/347VAC	15 – 100A	—	10
250VDC 2 pole series	15 – 100A	—	25
500VDC 3 pole series	15 – 100A	—	25

IEC-947 Interrupting capacity (kA RMS)

Voltage	Continuous rating	B (1 pole)	N
230V	15 – 100A	25	50
415V	15 – 100A	—	36
440V	15 – 100A	—	22
500V	15 – 100A	—	15
690V	15 – 100A	—	6
250VDC 2 pole series	15 – 100A	—	36
500VDC 3 pole series	15 – 100A	—	36

① In 15A 35kA @ 240VAC.



T1

100A, 600Y/347

Standard thermal-magnetic

T1N TMF

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole, 600Y/347VAC/500VDC catalog number	List price
T1N	14kA	15A	1000A	T1N015TL ^①	\$ 402
		20A	1000A	T1N020TL	402
	22kA	25A	1000A	T1N025TL	402
		30A	1000A	T1N030TL	402
		40A	1000A	T1N040TL	402
		50A	1500A	T1N050TL	402
		60A	1500A	T1N060TL	402
		70A	1500A	T1N070TL	479
		80A	1500A	T1N080TL	479
		90A	1500A	T1N090TL	479
		100A	1500A	T1N100TL	479

T1B TMF — Single pole

Breaker	IC at 277VAC	Rating	Magnetic trip	1 pole, 277VAC catalog number	List price
T1B	10kA	15A	1000A	T1B015TL-1	\$ 230
		20A	1000A	T1B020TL-1	230
	18kA	25A	1000A	T1B025TL-1	230
		30A	1000A	T1B030TL-1	230
		40A	1000A	T1B040TL-1	230
		50A	1500A	T1B050TL-1	230
		60A	1500A	T1B060TL-1	230
		70A	1500A	T1B070TL-1	262
		80A	1500A	T1B080TL-1	262
		90A	1500A	T1B090TL-1	262
		100A	1500A	T1B100TL-1	262

T1N-D — Molded case switch

Breaker	Interrupting capacity ^②	Rating	Magnetic trip	480VAC/500VDC catalog number	List price
T1-D	240V, 50kA	100A	1000A	T1N100DL	\$ 431

T1N TMF — 100% Rated standard thermal-magnetic

Breaker	IC at 480VAC	Rating	Magnetic trip	3 pole 600Y/347 500VDC catalog number	List price
T1N	14kA	15 ^①	1000A	T1NQ015TL	\$ 442
		20	1000A	T1NQ020TL	
	25	1000A	T1NQ025TL		
	30	1000A	T1NQ030TL		
	40	1000A	T1NQ040TL		
	50	1500A	T1NQ050TL		
	22kA	60	1500A	T1NQ060TL	527
		70	1500A	T1NQ070TL	
		80	1500A	T1NQ080TL	
		90	1500A	T1NQ090TL	
		100	1500A	T1NQ100TL	

① Rated 277/480Y for 15A.

② With fuse or MCCB protected circuit.