

SYSTEM FEATURES



- Protects facilities and equipment against the harmful effects of lightning strikes and internally generated electrical transients
- Includes pre-wired pigtail conductors to streamline installation
- Internal copper bus conduction path to minimize system impedances, reducing let-through voltage and increasing reliability
- Status indicating lights and Form "C" dry relay contacts for remote monitoring
- NEMA LS1 Compliance - single pulse tested at independent 3rd party lab (NEMA LS1, 2.2-9 and 3-9)
- Hybrid design using MOV and Tracking Filter (UL1283 Listed)
- UL 1283 Tracking Filter
- Small, Compact Footprint - makes installation flexible
- 25 Year Unlimited Free Replacement Warranty

DATASHEETS

TransTrack: TT200

TransTrack: TT160

TransTrack: TT100

TransTrack: TT050

PRODUCT SPECIFICATIONS

GENERAL SPECIFICATIONS

Maximum Rated Surge Current:

- TT050 : 50kA per phase; 25kA per mode
- TT100 : 100kA per phase; 50kA per mode
- TT160 : 160kA per phase; 80kA per mode
- TT200 : 200kA per phase; 100kA per mode

Application: See product specific datasheet

Design: Compact design for easy installation

Warranty: 25 Year Unlimited Free Replacement Warranty

Safety Listing: UL 1449 2nd Edition, cUL, UL 1283 Filter

ELECTRICAL SPECIFICATIONS

Mode of Protection: All Mode. L-N, L-L, L-G, & N-G

Input Power Frequency: 40-440Hz (47-64 Hz with enhanced filter option)

Response Time: < 1 nanosecond

Standard Monitoring: Status indicator lights (one per phase); Form C dry relay contacts for suppressor status

Short Circuit Current Rating: 100 kAIC using 200A breaker or fuse (not provided)

MECHANICAL SPECIFICATIONS

Dimensions(approx.): 7"H x 7"W x 5"D

Enclosure: High-impact non-metallic, NEMA 4X

Connection: Pre-wired with 24 inches #10 AWG conductor (for use with maximum 100 amp breaker or fuse)

Mounting: Multi-point mounting feet.

Operating Environment: -40° C to 70° C (-40° F to 160° F), 5% to 95% non-condensing humidity

Weight: 12.7 lbs. (5.8 kg)

AVAILABLE CONFIGURATIONS

Model Number	Description
TK-TTxxx-1S240	120/240VAC, 1φ SPLIT-PHASE, 3-wire + grd
TK-TTxxx-3Y208	120/208VAC, 3φ WYE, 4-wire + grd
TK-TTxxx-3Y380	220/380VAC, 3φ WYE, 4-wire + grd
TK-TTxxx-3Y480	277/480VAC, 3φ WYE, 4-wire + grd
TK-TTxxx-3Y600	347/600VAC, 3φ WYE, 4-wire + grd
TK-TTxxx-3D240	120/240V, 3φ high-leg DELTA, 4-wire + grd (B phase must be 208V)
TK-TTxxx-240NN	240V, 3φ DELTA, 3-wire + grd
TK-TTxxx-380NN	380V, 3φ DELTA, 3-wire + grd
TK-TTxxx-480NN	480V, 3φ DELTA, 3-wire + grd
TK-TTxxx-480NN	480V, 3φ DELTA, 3-wire + grd

xxx denotes surge rating per phase (050, 100, 160 and 200)

AVAILABLE OPTIONS

- Enhanced Transient Filter (ETF): add suffix "F" to the standard part number: Example: *TK-TT050-3Y208-F*

EMI / RFI FILTER ATTENUATION - M IL STANDARD 220B

Frequency	Attenuation
1kHz	1 dB
10kHz	14 dB
100kHz	23 dB
1MHz	18 dB
10MHz	3 dB
100MHz	2 dB
Max. Attenuation Frequency	57 dB @ 153 kHz