

MCG Surge

MODEL: CPT SE Series

200kA & 100kA/phase models available

The new CPT SE series provides high current, industrial grade protection in a rugged, yet compact powder coated, steel enclosure. This ultra small series comes standard with the latest thermally protected protection components which are able to divert high repetitive surge currents. All components are monitored by a comprehensive LED status display. This line is compliant to stringent international surge testing standards. Comes with our 20-year "No Nonsense" warranty.

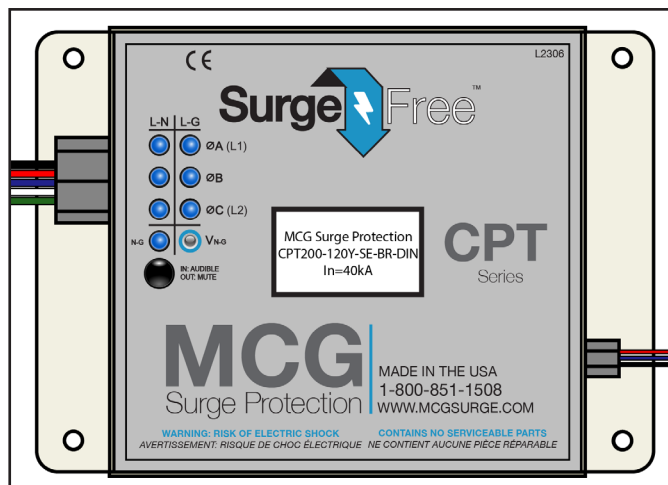
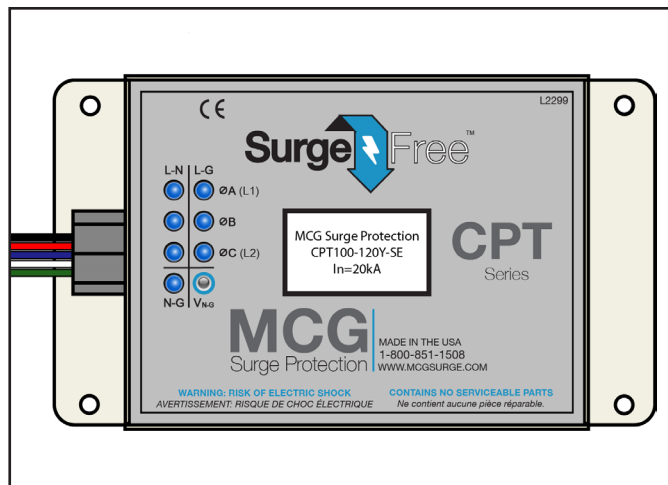
Standout Feature: Most compact thermally protected unit with extensive LED display that meets IEC standard

Features:

- High repetitive surge current capacity
- Redundant - multiple fused surge paths per phase/line
- Design is tested to IEC-61643-11 Type 2
- Thermally protected, high capacity varistors with individual status monitoring
- 10 gauge, 1m leads are standard
- Space saving, powder coated steel enclosure
- Comprehensive LED display
- Neutral to Ground voltage LED

Options:

- Relay for remote monitoring + beeper
- DIN rail mount
- Filtering (CPT100 models only)



Ipeak = up to 200kA per phase

IEC-61643-11 Type 2 Tested

20-Year Warranty

Made in the
USA

UL Certification
Pending - 2019



Ordering information: Choose base model, choose options.

Option suffixes (add to base model) :

- For the relay and audible alarm option, add "-BR" suffix.
- For the beeper option, add "-B" suffix.
- For the DIN rail (35mm) mount option, add "-DIN" suffix
- For the filtering option, add "-F" suffix

Ordering example: CPT200-240Y-SE-BR-DIN

This model is a 240/415 Wye, 3 Phase, 4 Wire + Ground protector with the beeper, relay, and DIN rail mount option.

MCG Surge Protection - 12 Burt Drive, Deer Park, NY 11729 - Made in the USA - www.mcgsurge.com

email: info1@mcgsurge.com phone: 631-586-5125 toll-free: 1-800-851-1508

Specifications: CPT SE Series

• ANSI / IEEE C62.41-2002
• IEC 61643-11 Type 2

In: 40kA for 200kA/phase (100kA/mode) models (CPT200 Family)
 In: 20kA for 100kA/phase (50kA/mode) models (CPT100 Family)
 I_{max} (per mode): 80kA (200kA per phase models), 40kA (100kA per phase models)
 Up: 2500V (for -220Y and -240Y models)
 Modes of protection: All modes
 SCCR: 200kA AIC (Note: 150kA AIC for 120VAC models)
 Varistor Headroom: Minimum 25% of nominal AC voltage
 Operating Altitude: 13,000ft. (4000m)
 Temp. (Operating/Storage): -40° to +85°C/-40° to +85°C (-40° to +185°F/-40° to +185°F)
 Cable Connection: 10 AWG (5.27mm sq.) cable, 1 meter (39.37 inches) provided
 Enclosure: NEMA 1, 16 gauge steel (0.050" thick), powder coated
 Dimensions (overall): 7.25"L x 4.25"W x 2.75"D (184 x 108 x 70 mm), Note: L dim includes flanges
 Mounting Dimensions: 6.5" x 3.5"/.220"ID - 4 holes, (165 x 89mm/5.6mm ID) - 4 holes
 Dimensions (overall) for "-xxxD" and relay/beeper models: 7.25"L x 5.25"W x 2.95"D (184 x 134 x 75 mm), Note: L dim includes flanges
 Mounting Dimensions for "-xxxD" and relay/beeper models: 6.5" x 4.5"/.220"ID - 4 holes, (165 x 114mm/5.6mm ID) - 4 holes
 Mounting "-DIN" Models: 35mm DIN rail compatible
 Weight (standard models): 200kA/Phase standard models: 3.5 lbs. (1.6 kg)
 100kA/Phase standard models: 3.1 lbs. (1.4 kg)
 Weight (relay/beeper and "-xxxD" models): 200kA/Phase (relay/beeper and "-xxxD" models): 4.5 lbs. (2.0 kg)
 100kA/Phase (relay/beeper and "-xxxD" models): 4.1 lbs. (1.9 kg)
 Conduit Connector Size: 3/4" compression connector. 1/4" cord grip for relay/beeper model leads

MODEL CPT100/200* Series	SERVICE
CPT200-120Y-SE	120/208VAC, 3PH, 4W+G
CPT200-120T-SE	120/240VAC, 1PH, 3W+G
CPT200-120S-SE	120VAC, 2W+G
CPT200-277Y-SE	277/480VAC, 3PH, 4W+G
CPT200-277S-SE	277VAC, 1PH, 2W+G
CPT200-240DCT-SE	240/120/120VAC, 3PH, 4W+G
CPT200-220Y-SE	220/380VAC, 3PH, 4W+G
CPT200-220S-SE	220VAC, 1PH, 2W+G
CPT200-230Y-SE	230/400VAC, 3PH, 4W+G
CPT200-230S-SE	230VAC, 1PH, 2W+G
CPT200-240Y-SE	240/415VAC, 3PH, 4W+G
CPT200-240S-SE	240VAC, 1PH, 2W+G
CPT200-347Y-SE	347/600VAC, 3PH, 4W+G
CPT200-347S-SE	347VAC, 1PH, 2W+G
CPT200-240D-SE	240VAC, 3PH, 3W+G
CPT200-380D-SE	380VAC, 3PH, 3W+G
CPT200-400D-SE	400VAC, 3PH, 3W+G
CPT200-415D-SE	415VAC, 3PH, 3W+G
CPT200-480D-SE	480VAC, 3PH, 3W+G
CPT200-600D-SE	600VAC, 3PH, 3W+G

*CPT200 Models Shown

Note 1) "W"= WIRE, "G"= GROUND

Note 2) Specifications are subject to change without notice.