Reference: CTD1X505AXXX

Selected parameters PRIMARY CURRENT 0...50A PRIMARY TYPE Solid-core SECONDARY CURRENT 5A Others PRIMARY CURRENT 50A MAX BUS BAR SIZE 23mm Φ cable MOUTING DIN-rail, Panel, Bus-bar

Buy it at Electric Automation Network

Accessories
AC Current Transformer (max 23mm φ cable)
Type CTD-1X
• Cable and bus-bar type current transformer
• 0.5 class, currents from 50 to 300 A
• Removable DIN-rail mounting holder
• Removable panel fixing clips
• 2 cable/bus-bar isolated fixing screws
• Double screw terminals (up to 8-wire connections)
• Sealable terminal block covers
Product Description
Ordering Key
CTD-1X 100 5A XXX
Cable/Bus-bar type current transformer with DIN-rail/bus- bar and panel mounting facility.
Type Selection
Primary current
From 50 to 300A (Refer to Range Table)
Rated primary currents from
50 A to 300 A.
Secondary current
1A
5A
Model
Primary current Secondary current Option
Optional fixing kit: CTD-kit
Option
XXX:none
XTX: tropicalization
InputSpecifications

Operating frequency48 to 62 Hz
Max. system voltage0.72 kV
Rated insulation level3 kV/1 min. @ 50 Hz
Insulation class E (max 75°C)
Short-time current rating
Ith Typical 100 In /1 s
Idyn 2.5 Ith
The short-timethermal current Ith is anyway limited by the cable/bus-bar size
Extended current rating 120%
Security factor (FS)≤ 5 (Class: 0.5, 1 and 3)
General Specifications
StandardsAccording to EN60044-1
Housing ABS, self-extinguishing: UL 94 V-0
Mounting DIN-rail bus-bar
and panel mounting
Standard accessoriesTwo terminal block screws.
Two sealable terminal block covers.
Two panel mounting fixing clips.
One DIN rail adapter.
Optional accessories Extended fixing kit CTD-kit: Six cable/bus-bar
fixing screws.
Six plastic caps for cable/bus-bar fixing screws.
Two panel mounting fixing clips.
Special features1 A secondary current, Tropicalization
Working temperature -25°C to +60°C (-13°F to
140°F) (R.H. < 90% non condensing @ 40°C)
Storage temperature-30°C to +70°C (-22°F to
158°F) (R.H. < 90% non condensing @ 40°C)
ApprovalsCE, cUrus and CSA
ConnectionScrew type
Cable cross section area From 1.5 to 6 mm2
Min/Max screws tightening torque relevant to terminal block screws:
From 1 to 2 Nm
Max screws tightening torque relevant to the cable/bus-bar fixing screws: 0,3 Nm
Protection degree IP00
IP20 (with sealable terminal block covers + wire termi nals)
Cable diameterMax. 23 mm Bus-bar sizeMax. 20x5 mm WeightFrom 150 to 200 g
Output Specifications
Rated secondary current5 A or 1 A
Specifications are subject to change without noticeCTD-1X DS ENG 100311 1