Reference: CTD8H10005AXXX

Selected parameters PRIMARY CURRENT 600...1200A
PRIMARY TYPE Solid-core SECONDARY CURRENT 5A Others
PRIMARY CURRENT 1000A MAX BUS BAR SIZE 30x80mm
MOUTING DIN-rail, Panel, Bus-bar

Buy it at Electric Automation Network

Accessories
AC Solid-core Current Transformer
Type CTD-8V / CTD-8H (max 30x80 mm)
• Bus-bar type solid- core current transformer
• Class 0.5 accuracy
• Currents from 150 A to 2500 A
• Up to 10 Bus-bar isolated fixing screws
• Double screw terminals (up to 8-wire connections)
• Sealable terminal block covers
Product Description
Ordering Key
CTD-8V1500 5AXXX
Solid-core current transformer with bus-bar mountng facility.
Rated primary currents from
150 A to 2500 A.
Model
Primary current Secondary current Option
Type Selection
Model
CTD-8V:vertical mounting
CTD-8H:horizontal mounting
Primary current
From 150A to 2500A (Refer to the Range Table)
Secondary current
1A (on request)
5A
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 Refer to the Range Table
Security factor (FS)≤ 5 (Class: 0.5, 1 and 3)
General Specifications
Standards According to EN60044-1
HousingABS, self-extinguishing: UL 94 V-0
MountingBus-bar mounting
Standard accessoriesTwo terminal block screws.
Ten bus-bar fixing screws.
Ten plastic caps for bus-bar fixing screws.
Two sealable terminal block covers.
Special features1 A secondary current, Tropicalization
Working temperature-25°C to: refer to the Range Table (-13°F to: refer to the Range Table) (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)
Approvals CE.
cURus and CSA (150A to 1000A)
Connection Screw type
Cable cross section areaFrom 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 (without sealable terminal covers)
IP20 (with sealable terminal block covers + wire terminals)
Bus-bar size Max. 30x80 mm
WeightFrom 450 to 700 g
Output Specifications
Rated secondary current5 A or 1 A
Specifications are subject to change without noticeCTD-8VH DS ENG 1503111