![Socomec - Innovative Power Solutions]

48290503

Solid current sensor TE-35 35mm 63-250A

Strong points
- Plug & Play
- Accurate
- Smart

General characteristics
Quick RJ12 connection making wiring easy and without errors
Safe mV output: on-load disconnection of the sensor
Global accuracy class 0.5 according to ANSI C12.20 (Meter + TE sensor)
Designed for new installations
Similar spacing as standard protective devices

Compliance with standards
UL 61010-1, CSA-C22.2, 61010-1, Guide PICQ, File E257746;
IEC 61557-12;
ISO 14025

Link to the reference

TE solid-core sensors are used with DIRIS Digiware I, DIRIS A, or DIRIS B Power Monitoring Devices to measure currents from 5 to 2000 A with only 7 part numbers and with the same guaranteed accuracy. The quick RJ12 connection, and the integrated intelligence prevent, any connection or configuration errors.
Numerous accessories are available to mount the sensors in any type of electrical panel.

=-=-=-=-=-=- System =-=-=-=-=-=-

Fill rate E-Order Common	29
Fill rate E-Order Selection	100

Certificates and Declaration

Conformity to standard #1	UL 61010-1 Guide PICQ File E257746
Conformity to standard #2	CSA-C22.2 No. 61010-1
Conformity to standard #3	IEC 61557-12
Conformity to standard #4	ISO 14025
Proposition 65 California	WARNING This product can expose you to chemicals including bisphenol A (BPA), which is known to the State of California to cause birth defects or reproductive harm. For more information go to : www.P65Warnings.ca.gov

Standards

Conformity to standards	IEC UL

Certificates and Declaration - Safety

UL file number	E257746

General Product Characteristics

Device type	Current sensors for DIRIS A, DIRIS B & DIRIS Digiware I

Technical Characteristics

Model	TE-35
Opening	0.82x0.82 in / 21x21 mm
Rated current [A]	63 ... 250 A
Secondary rated current	RJ12

Technical Characteristics - Electrical

Intermittent overload	10x In for 1s
Max voltage (Phase/neutral)	300V
Rated withstand voltage	3kV

Technical Characteristics - Environmental

Maximum operating altitude	6560 feet / 2000 m
Measurement category	CAT III
Operating temperature	-10 … +70 °C / +14 °F … +158 °F (IEC 60068-2-1/IEC 60068-2-2)
PEP ecopassport - ISO 14025	SOCO-2014-03-v1-fr, SOCO-2014-03-v1-en
Relative humidity	95% RH without condensation
Storage temperature	-25 … +85 °C / -13 °F … +185 °F (IEC 60068-2-1/IEC 60068-2-2)

Technical Characteristics - Measurement

Accuracy class	0.5 for the global measurement chain (Associated with Digiware I, DIRIS B & DIRIS A)
Current rating range	63 … 250 A
Current Sensor Secondary type	100mV

Current sensor type	Solid Core
Degree of Pollution	IP20 / IK06
Frequency rating	50/60 Hz
Full measurement range	1.26 … 300 A

ETIM - Electrical characteristics

Rated primary current [A]	250
Rated secondary current [A]	0.1
Rated secondary apparent power [VA]	0.1
Accuracy class	0.2S
Overcurrent limiting factor	FS 10
Calibrated	Yes

ETIM - Mechanical characteristics

With contact protection	Yes
Height opening [mm]	21..21
Width opening [mm]	21..21
Opening diameter [mm]	21
Snap mounting	Yes
With copper rail	Yes
Secondary connection	Plug-in connection

ETIM - Technical features

Model	Through-feed current converter
Number of primary inputs	1

Logistics

GTIN/EAN	3596032776497
Customs number	8504312990
Price unit	PC
Weight of the packing unit	0.11
Length of the packing unit	0.08
Width of the packing unit	0.04
Depth of the packing unit	0.04

Product Details

Effective date	2013-11-22
Country of origin	FR
Discount Policy	1EN30
Discount Policy Label	SENSORS

Classification

UNSPSC	83101808
ETIM Class	EC002048
IGCC	6042