



SPIT CORE TR-14 SENSOR, 40-160A

TAGS: PWS0306

SPLIT CORE CT TR-14 40-160A

48290556

Sensor TR-14 14mm 40-160A

Strong Points

- + Smart sensors
- + Accurate
- + Smart

Function

TR split-core current sensors are used with DIRIS Digiware I, DIRIS A, or DIRIS B Power Monitoring Devices to measure currents from 25 to 600 A, with the same guaranteed accuracy. The quick RJ12 connection, and the integrated intelligence prevent any wiring or configuration errors.

TR split-core sensors are placed around the live conductors without disrupting the wiring and the supply, highly convenient for retrofit applications.

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	<ul style="list-style-type: none"> • IEC • UL
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CERTIFICATES AND DECLARATION - SAFETY

UL file number	E257746
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GENERAL PRODUCT CHARACTERISTICS

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

Model	TR-14
Opening	0.55 in / 14 mm
Rated current [A]	40 ... 160 A
Secondary rated current	RJ12
Function	Current measurement

AC

Type of product

Split core

Internal diameter

14x15

Secondary Output

Voltage

Accuracy class

1

Type of connection

RJ12

Conformity to standards

- IEC 61557-12
- UL 61010

Customisable

No

TECHNICAL CHARACTERISTICS - ELECTRICAL

Intermittent overload

10x In for 1s

Max voltage (Phase/neutral)

300

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)

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

40 ... 160 A

100mV

Current sensor type

Split Core

Degree of Pollution

IP20 / IK06

Frequency rating

50/60 Hz

Full measurement range

0.8 ... 192 A

ETIM - ELECTRICAL CHARACTERISTICS

Rated primary current [A]

160

Rated secondary current [A]

0.1

Rated secondary apparent power [VA]

0.1

Accuracy class

0.5

Overcurrent limiting factor

FS 10

Calibrated

Yes

ETIM - MECHANICAL CHARACTERISTICS

With contact protection

Yes

Height opening [mm]

14..14

Width opening [mm]

14..14

Opening diameter [mm]

14

Snap mounting

Yes

With copper rail

Yes

Secondary connection

Plug-in connection

ETIM - TECHNICAL FEATURES

Model

Attachable current transformer

Number of primary inputs

1

GTIN/EAN	3596033018343
Customs number	8504312990
Price unit	PC
Weight of the packing unit [kg]	0.842
Length of the packing unit [m]	0.04
Width of the packing unit [m]	0.12
Depth of the packing unit [m]	0.12
PRODUCT DETAILS	
Effective date	2018-06-01
Offer Life Cycle Code	40
Country of origin	FR
CLASSIFICATION	
UNSPSC	83101808
IGCC	6042

References

TR split-core sensors is available in 3 versions