

48290577

Sensor TF-300 1600-6000A



Strong points

- Plug & Play
- Accurate
- Smart
- Safe locking mechanism
- Simplified installation

General characteristics

Quick RJ12 connection for ease of wiring and prevention of errors Safe mV output: on-load disconnection of the sensor Global accuracy class 0.5 (Meter + TF sensor) according to ANSI C12.20

Compliance with standards

UL 61010 Guide PICQ File E257746 IEC 61557-12

Link to the reference

TF flexible Rogowski coil current sensors are used with DIRIS Digiware I, DIRIS A, or DIRIS B Power Monitoring Devices to measure currents from 100 to 6000 A with the same guaranteed accuracy. The quick RJ12 connection, and the integrated intelligence prevent any connection or configuration errors.

TF current sensors provide a versatile solution when space is limited, wrapped around irregular-shaped conductors or busbars without disrupting the wiring and the supply, highly convenient in retrofit applications.

No external power supply is needed, as the sensor is powered from the power meter through the RJ12 connection.

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

Fill rate E-Order Common 29 Fill rate E-Order Selection 100 Certificates and Declaration 20 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 IEC-btr/>UL Certificates and Declaration - Safety UL file number Edeneral Product Characteristics Current sensors for DIRIS A, DIRIS B & DIRIS Device type Current sensors for DIRIS A, DIRIS B & DIRIS Device type Current sensors for DIRIS A, DIRIS B & DIRIS Secondary rated current [A] 1600 6000 A Secondary rated current RJ12 Technical Characteristics - Electrical Intermitent overload Max voltage (Phase/neutral) 6000V Rated withstand voltage 3.6kV Technical Characteristics - Environmental Maximum operating altitude Maximum operating altitude		
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https://www.socomec.us/enus/reference/48290577

TF-300 1600-6000A



Current rating range	1600 6000 A	
Current Sensor Secondary type	100mV	
Current sensor type	Flexible TF current sensors	
Degree of Pollution	IP20/IK07	
Frequency rating	50/60 Hz	
Full measurement range	32 7200 A	
ETIM - Electrical characteristics		
Rated primary current [A]	6000	
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]	300300	
Width opening [mm]	300300	
Opening diameter [mm]	300	
Snap mounting	Yes	
With copper rail	Yes	
Secondary connection	Plug-in connection	
ETIM - Technical features		
Model	Attachable current transformer	
Number of primary inputs	1	
Logistics		
GTIN/EAN	3596033018725	
Customs number	8504312990	
Price unit	PC	
Weight of the packing unit	0.218	
Length of the packing unit	0.22	
Width of the packing unit	0.22	
Depth of the packing unit	0.03	
Product Details		
Effective date	2017-12-01	
Country of origin	IT	
Discount Policy	1EN30	
Discount Policy Label	SENSORS	
Classification		
UNSPSC	83101808	
ETIM Class	EC002048	
IGCC	6042	
	0012	