

48290555

Socomec TR-10 Split Core CT 25-63A 10mm Diameter for Digiware and DIRIS A-xx



Component type	Current transformer
Range	TR/ITR Split Core
Model	N/A
Product status	Existing

The Socomec Split Core CTs are designed for use with Diris A-40, A-200, and Digiware I modules. They are quick to install, have a wide range of nominal current and are highly accurate. Each CT is sold with a wide range of accessories to allow for flexibility in installation position within a switchboard or distribution board. The Socomec RJ12 cables are available in multiple length options.

ELECTRICAL

Primary rated current	63 A
Secondary current on CT	0.1 A
Rated operating frequency	50-60 Hz
Max. operating voltage (Umax)	300 V
Accuracy class	0.5
Over current limiting factor	FS 10
Secondary rated apparent power	0.1 VA
Calibrated	Yes

CONSTRUCTION

Current transformer type	Split core
Material housing	Plastic
Model	Attachable current transformer
With shock protection	Yes
Snap mounting	Yes
With copper rail	Yes
Secondary connection	Plug-in connection
Number of primary inputs	1

DIMENSIONS

Opening diameter	10 mm
Height opening	10-10 mm
Width opening	10-10 mm

ENVIRONMENT

Storage temperature	-25...85 °C
---------------------	-------------

48290555

Socomec TR-10 Split Core CT 25-63A 10mm Diameter for
Digiware and DIRIS A-xx



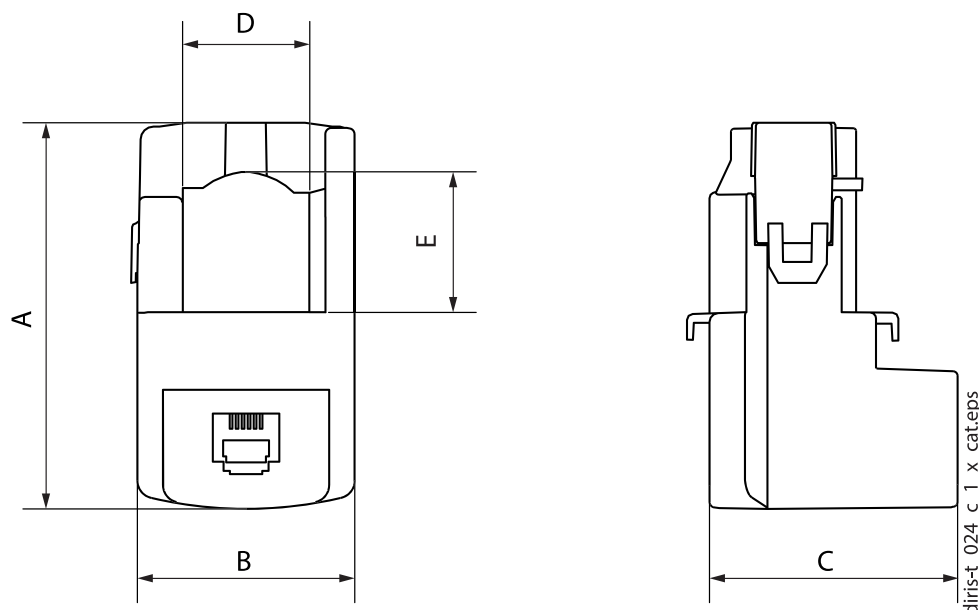
CURRENT TRANSFORMERS
AND TRANSDUCERS

socomec
Innovative Power Solutions

DIMENSIONAL DIAGRAM

Dimensions (mm)

TR-10 / TR-14 / TR-21 / TR-32



Model	Nominal current range (A)	Real range covered (A)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Ø (mm)
TR / iTR-10	25 ... 63	0.5 ... 75.6	44	26	28	-	-	10
TR / iTR-14	40 ... 160	0.8 ... 192	67	29	28	14	15	14
TR / iTR-21	63 ... 250	1.26 ... 300	65	37	43	21	23	21
TR / iTR-32	160 ... 600	3.2 ... 720	86	53	47	32	33	32

48290555

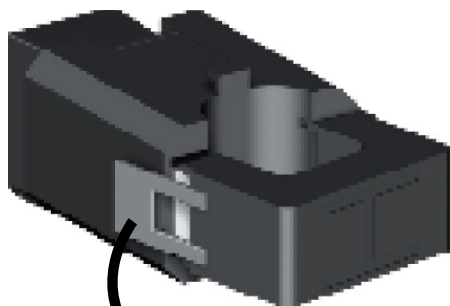
Socomec TR-10 Split Core CT 25-63A 10mm Diameter for Digiware and DIRIS A-xx

ELECTRICAL CONNECTION DIAGRAM

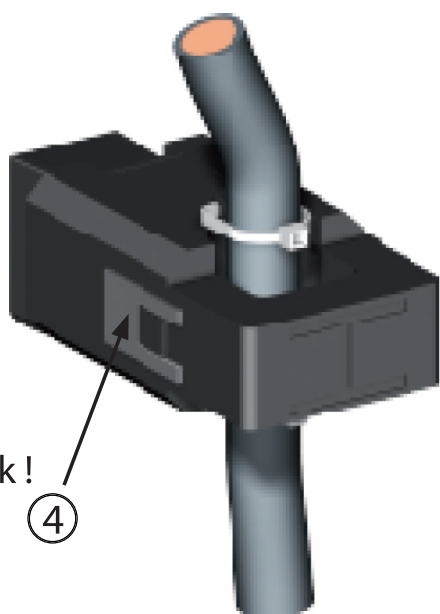
1



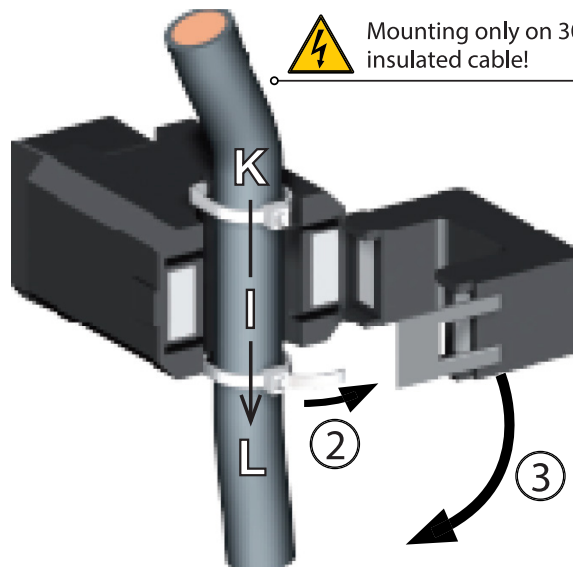
Do not apply around or remove from UNINSULATED HAZARDOUS LIVE conductors, which may render electric shock, electric burn, or arc flash.



①



④

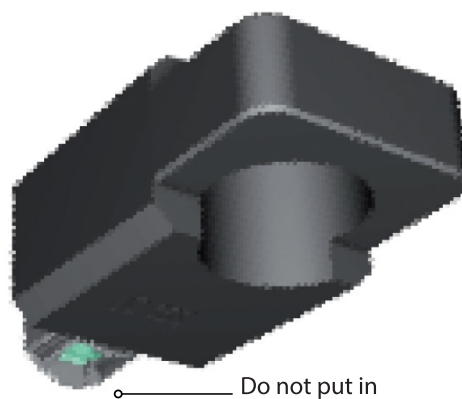


Mounting only on 300V insulated cable!

②

③

2



Do not put in contact with hazardous voltage



PMD
DIRIS B
DIRIS Digiware

Socomec Current
Sensors Cable only

48290555

Socomec TR-10 Split Core CT 25-63A 10mm Diameter for Digiware and DIRIS A-xx



CURRENT TRANSFORMERS
AND TRANSDUCERS

socomec
Innovative Power Solutions

RELATED PRODUCTS

ACCESSORY



Item No: 48290580

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.1m



Item No: 48290581

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.2m



Item No: 48290582

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.3m



Item No: 48290583

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 1m



Item No: 48290584

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 2m



Item No: 48290588

Required: No

Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx 1m



Item No: 48290589

Required: No

Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx 2m



Item No: 48290590

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 0.1m



Item No: 48290591

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 0.2m



Item No: 48290592

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 0.3m



Item No: 48290593

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 1m



Item No: 48290594

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 2m



Item No: 48290595

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.5m



Item No: 48290596

Required: No

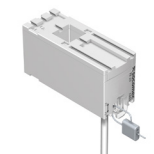
Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx Cable 0.5m



Item No: 48290597

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx Cable 0.5m



Item No: 48290600

Required: No

Description: Socomec Sealable Cover for TE/TR/iTRs/TF CTs



Item No: 48290602

Required: No

Description: Socomec RJ12 x 1 CT to Meter Cable 600V for Digiware and DIRIS A-xx 5m



Item No: 48290603

Required: No

Description: Socomec RJ12 x 1 CT to Meter Cable for Digiware and DIRIS A-xx 10m

48290555

Socomec TR-10 Split Core CT 25-63A 10mm Diameter for
Digiware and DIRIS A-xx



RELATED PRODUCTS

ACCESSORY



Item No: 48290606

Required: No

Description: Socomec RJ12 x 3 CT to Meter
Cable for Digiware and DIRIS A-xx 3m