

48290502

Socomec TE-25 Solid Core CT 40-160A 13.5 x 13.5mm Holes
25mm Centres for Digiware and DIRIS A-xx



CURRENT TRANSFORMERS
AND TRANSDUCERS

socomec
Innovative Power Solutions



Component type	Current transformer
Range	TE Solid Core
Model	N/A
Product status	Existing

The Socomec Solid 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	160 A
Secondary current on CT	0.1 A
Rated operating frequency	50-60 Hz
Max. operating voltage (Umax)	300 V
Rated short time thermal current I _{th} (x primary current)	1.6 kA
Accuracy class	0.2S
Over current limiting factor	FS 10
Secondary rated apparent power	0.1 VA
Calibrated	Yes

CONSTRUCTION

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

DIMENSIONS

Opening diameter	13.5 mm
Height opening	13.5-13.5 mm
Width opening	13.5-13.5 mm

ENVIRONMENT

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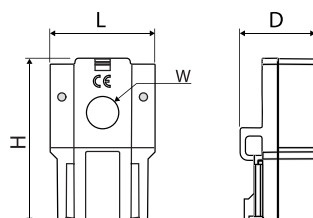
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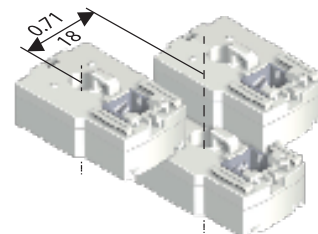
DIMENSIONAL DIAGRAM

Dual dimension in/mm

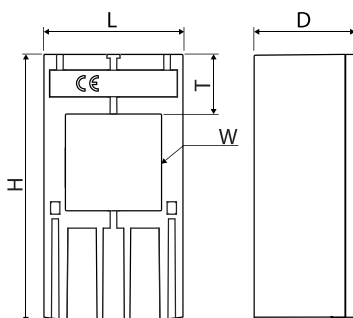
	LxHxD	ØW	T	Pitch	I nom.	I max.
TE- 18	1.10 x 1.77 x 0.79 28 x 45 x 20	Ø0.33 Ø 8.4	-	18	5...20A	24A
TE- 18	1.10 x 1.77 x 0.79 28 x 45 x 20	Ø0.33 Ø 8.4	-	18	25...63A	75.6A
ΔIC Ø8	1.10 x 1.77 x 0.79 28 x 45 x 20	Ø0.33 Ø 8.4	-	18	2A	3A



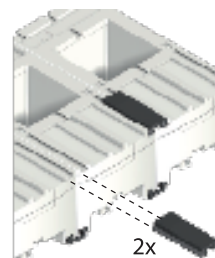
TE-18 / ΔIC Ø8



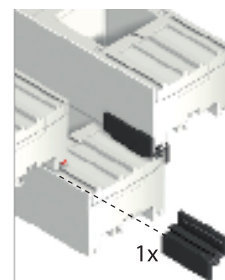
	LxHxD	ØW	T	Pitch	I nom.	I max.
TE- 25	0.98 x 2.56 x 1.28 25 x 65 x 32.5	0.53 x 0.53 13.5 x 13.5	0.69 17.5	25	40...160A	192A
TE- 35	1.37 x 2.79 x 1.28 35 x 71 x 32.5	0.82 x 0.82 21 x 21	0.69 17.5	35	63...250A	300A
TE- 45	1.77 x 3.38 x 1.28 45 x 86 x 32.5	1.22 x 1.22 31 x 31	0.77 19.5	45	60...630A	756A
TE- 55	2.16 x 3.93 x 1.28 55 x 100 x 32.5	1.61 x 1.61 41 x 41	0.85 21.5	55	400...1000A	1200A



TE-25 -> TE-55



TE-35 -> TE-55



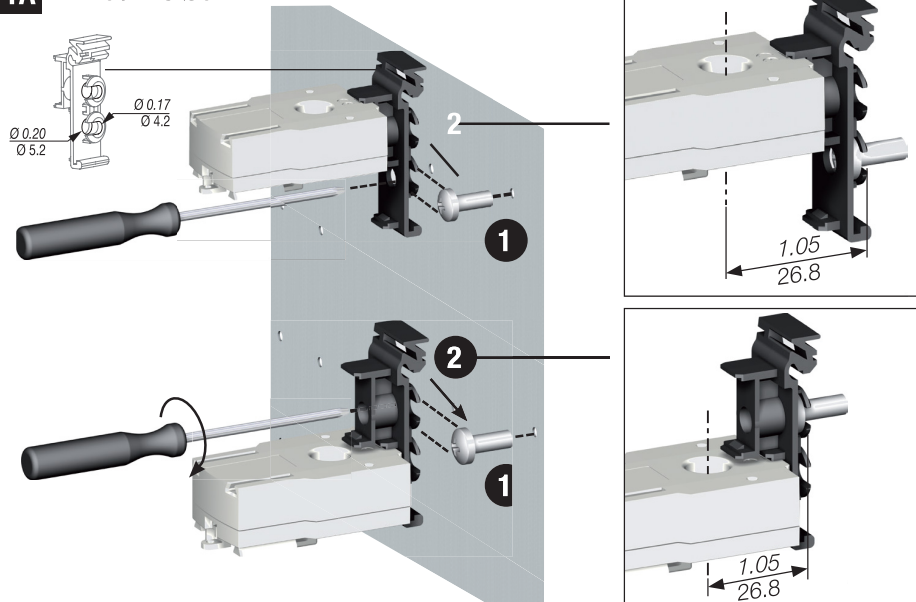
TE-25 -> TE-55

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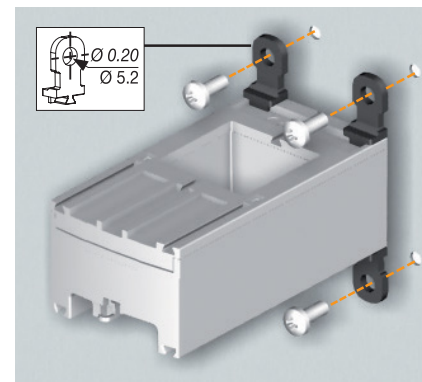
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ELECTRICAL CONNECTION DIAGRAM

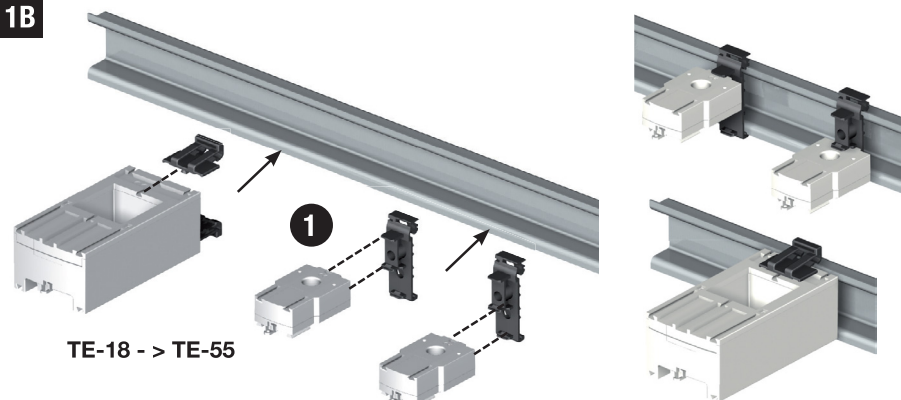
1A TE-18 / ΔIC Ø8



TE-25 - > TE-55

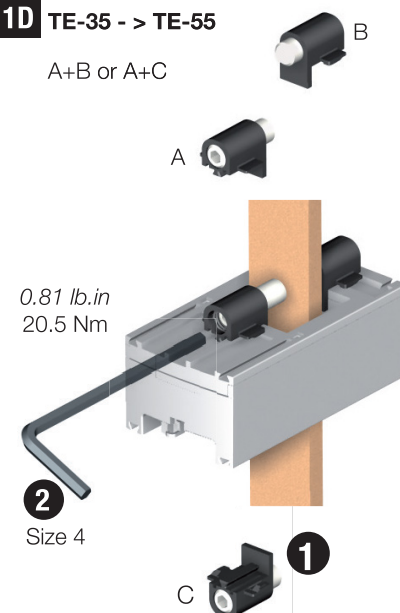


1B

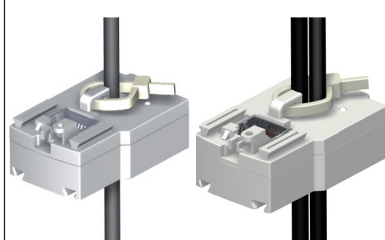


1D TE-35 - > TE-55

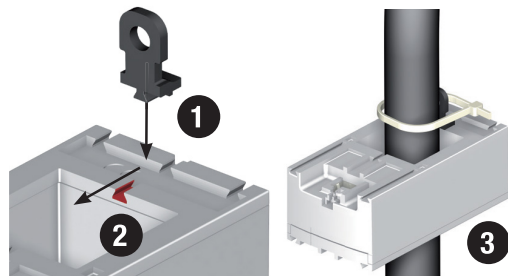
A+B or A+C



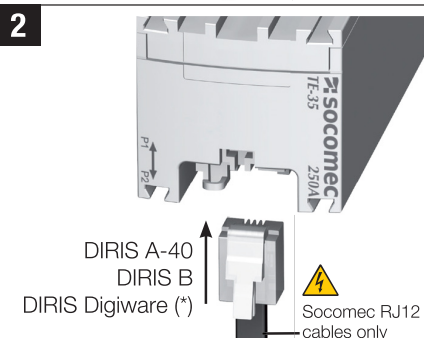
1C TE-18 / ΔIC Ø8



TE-25 - > TE-55



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(*) ΔIC Ø8 only used with DIRIS Digiware R-60 RCM module

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CURRENT TRANSFORMERS
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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

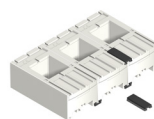
Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx Cable 0.5m



Item No: 48290597

Required: No

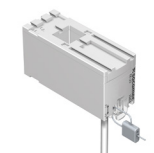
Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx Cable 0.5m



Item No: 48290598

Required: No

Description: Socomec TE CT Coupling Links Pack (Qty 30)



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

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RELATED PRODUCTS

ACCESSORY



Item No: 48290603

Required: No

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



Item No: 48290606

Required: No

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