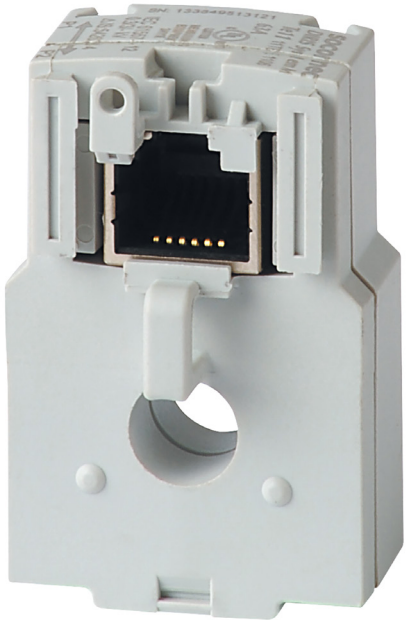
48290501

Socomec TE-18 Solid Core CT 25-63A 8.4mm Holes 18mm Centres for Digiware and DIRIS A-xx

CURRENT TRANSFORMERS AND TRANSDUCERS



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

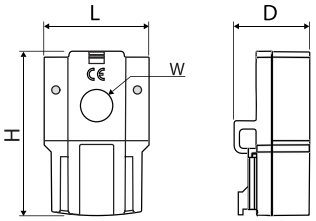
The Socomec Solid Core CTs are designed for use with Diris A-40, A-200, and Digiware I modules. They are quick to install, have a wide range of nominal current, and are highly accurate. Each CT is sold with a wide range of accessories to allow for flexibility in installation position within a switchboard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

ELECTRICAL	Primary rated current	63 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 Ith (x primary current)	0.63 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	8.6 mm
	Height opening	8.6-8.6 mm
	Width opening	8.6-8.6 mm
ENVIRONMENT	Storage temperature	-25…85 °C

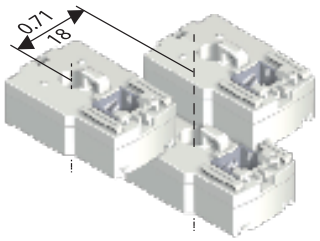
DIMENSIONAL DIAGRAM

Dual dimension in/mm

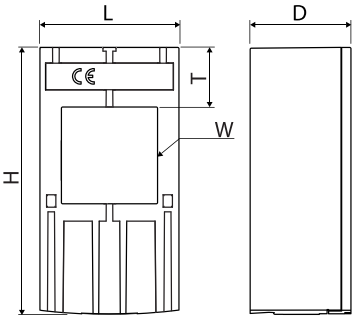
	LxHxD	ØW	T	Pitch	I nom.	I max.
TE- 18	1.10 x 1.77 x 0.79 28 x 45 x 20	ø0.33 ø 8.4	-	18	5...20A	24A
TE- 18	1.10 x 1.77 x 0.79 28 x 45 x 20	ø0.33 ø 8.4	-	18	25...63A	75.6A
ΔIC Ø8	1.10 x 1.77 x 0.79 28 x 45 x 20	ø0.33 ø 8.4	-	18	2A	3A



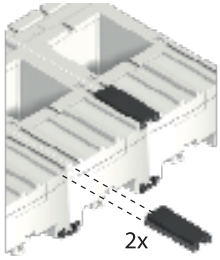
TE-18 / ΔIC Ø8



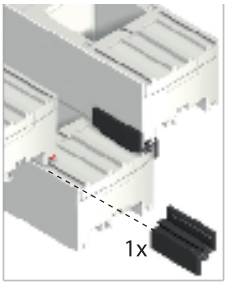
	LxHxD	ØW	T	Pitch	I nom.	I max.
TE- 25	0.98 x 2.56 x 1.28 25 x 65 x 32.5	0.53 x 0.53 13.5 x 13.5	0.69 17.5	25	40...160A	192A
TE- 35	1.37 x 2.79 x 1.28 35 x 71 x 32.5	0.82 x 0.82 21 x 21	0.69 17.5	35	63...250A	300A
TE- 45	1.77 x 3.38 x 1.28 45 x 86 x 32.5	1.22 x 1.22 31 x 31	0.77 19.5	45	60...630A	756A
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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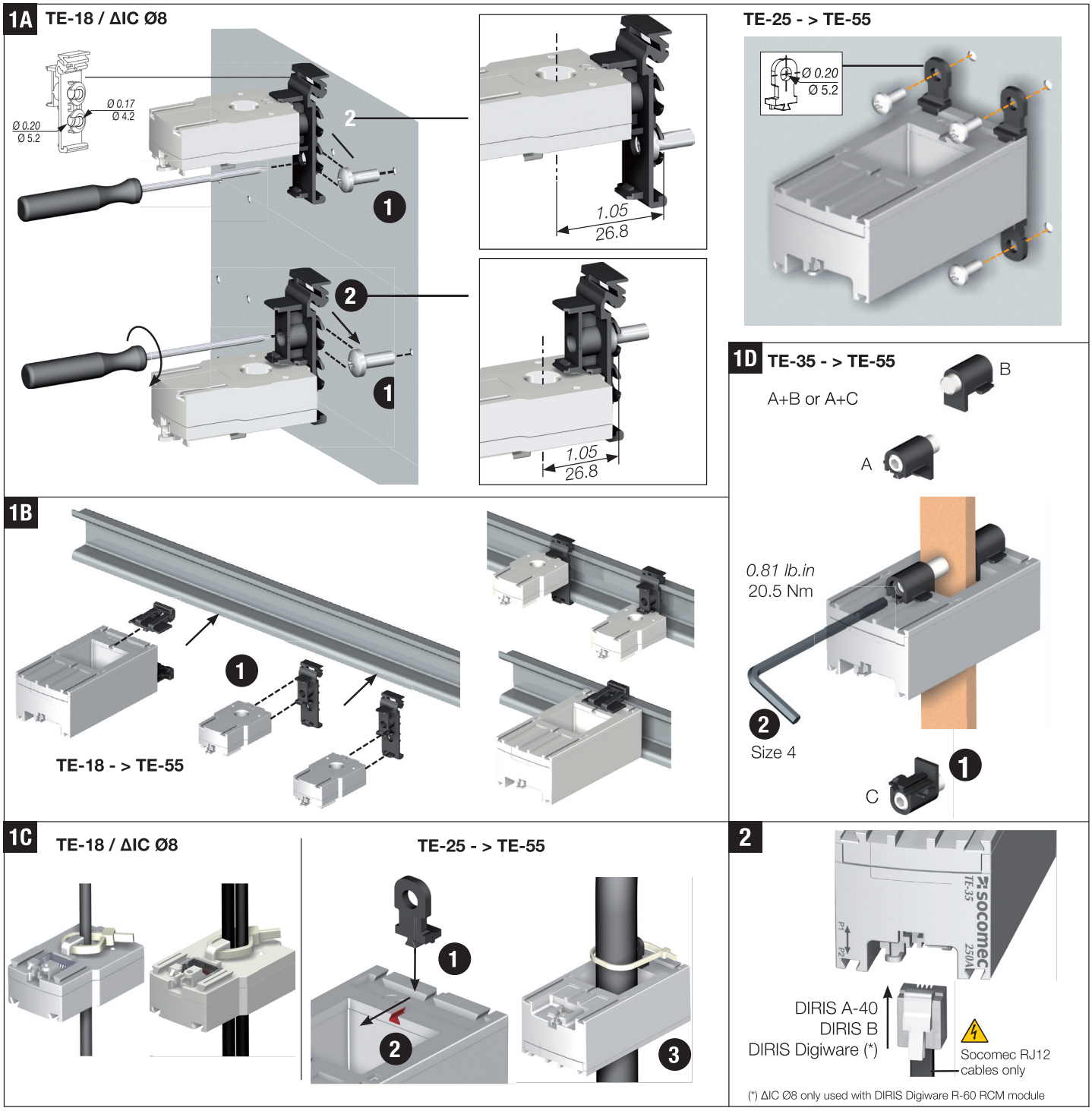
CURRENT TRANSFORMERS AND TRANSDUCERS

ELECTRICAL CONNECTION DIAGRAM



Published on 06 May 2026

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

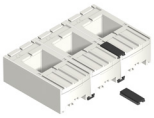
Item No: 48290593
Required: No
Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 1m

Item No: 48290594
Required: No
Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 2m

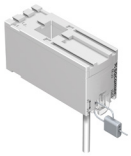
Item No: 48290595
Required: No
Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.5m

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

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