AC or DC current sensors

Smart sensors

- Sensors with an extended operational range.
- Automatic rating configuration.
- Safe disconnection of the current sensor under load.
- Fast connection via RJ12 and identification of cables by colour-coding.

Compact

- The most compact in the market.
- Linear assembly.
- Staggered assembly.
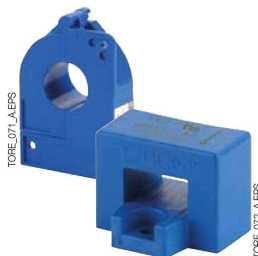- Match the pitch of protective devices.

PreciSense

Guaranteed accuracy in accordance with the IEC 61557-12 standard: class 0.5 for the global measurement chain, from 2 to 120% of In.

TE solid-core sensors	Rated currents (A)												Real range covered (A)	Pitch (mm)	Aperture (mm)	Dimensions (mm)
	5	20	25	40	63	160	250	400	600	630	1000	2000				
TE-90										← →			12 … 2400	90	64 x 64	126 x 90 x 24.6
TE-55								← →					8 … 1200	55	41 x 41	100 x 55 x 32.5
TE-45						← →							3.2 … 756	45	31 x 31	86 x 45 x 32.5
TE-35					← →								1.26 … 300	35	21 x 21	71 x 35 x 32.5
TE-25				← →									0.8 … 192	25	13.5 x 13.5	65 x 25 x 32.5
TE-18			← →										0.5 … 75	18	Ø 8.6	45 x 28 x 20
TE-18	← →												0.1 … 24	18	Ø 8.6	45 x 28 x 20

TR / iTR split-core sensors	Rated currents (A)						Real range covered (A)	Aperture (mm)	Dimensions (mm)
	25	40	63	160	250	600			
TR/iTR-32				← →			3.2 … 720	Ø 32	53 x 86 x 47
TR/iTR-21			← →				1.26 … 300	Ø 21	37 x 65 x 43
TR/iTR-14		← →					0.8 ... 192	Ø 14	29 x 67 x 28
TR/iTR-10	← →						0.5 … 75	Ø 10	26 x 44 x 28

TF flexible sensors	Rated currents (A)						Real range covered (A)	Aperture (mm)
	150	500	600	1600	2000	6000		
TF-300				← →			32 … 7200	Ø 300
TF-120		← →					10 … 2400	Ø 120
TF-55	← →						3 … 720	Ø 55

DC current sensors

DC current sensors measure the load currents of a DC electrical installation and transmit the information to DIRIS Digiware Idc modules via a quick RJ12 connection with color-coded cables for an easy identification of circuits.
The range comprises solid-core and split-core sensors, from 50 to 5000 A in various sizes, suitable for new or retrofit applications.

- Easy connection to prevent wiring errors.
- Up to 3 sensors on each DIRIS Digiware Idc measurement module.