

new



4829 0106



4829 0112



TE...



TE 90



TR...



TF...

### Voltage measurement modules

1 single voltage measurement point for the entire system.

- A complete, dedicated solution for : metering, voltage monitoring, quality analysis of the voltage
- RJ45 bus allows you measurement of voltage as well as supply power to all connected devices
- 3 phase voltage and frequency monitoring

type	description	module width
<b>U-10 metering module</b>		
4829 0105	modular voltage measurement metering module	18 mm
<b>U-20 monitoring module (as above but with additional 3ph THDu monitoring)</b>		
4829 0106	modular voltage measurement monitoring module (harmonics)	18 mm
<b>U-30 analysis module (all electrical parameters including history of average values)</b>		
4829 0102	modular voltage measurement analysis module	18 mm

### Current measurement modules

Allocates the load to be measured or to monitor independent current inputs i.e three-phase load and 3 single-phase loads.

- A complete, dedicated solution for : metering, voltage monitoring, quality analysis of the voltage
- RJ45 and RJ12 rapid connection and automatically configures connected current sensors
- Wiring errors are also prevented and implementation is simplified
- Metering:  $\pm$  kWh,  $\pm$  kvarh, kVAh
- Multi-measurement: I1, I2, I3, In,  $\Sigma$ P,  $\Sigma$ Q,  $\Sigma$ S,  $\Sigma$ PF

type	description	current inputs	module width
<b>I-30/60 metering modules</b>			
4829 0110	I-30 modular current measurement metering module	3	18 mm
4829 0112	I-60 modular current measurement metering module	6	36 mm
<b>I-31/61 metering and load curve modules</b>			
4829 0111	I-31 modular current measurement metering module	3	18 mm
4829 0113	I-61 modular current measurement metering module	6	36 mm
<b>I-35/45 analysis module (all electrical parameters including history of average values)</b>			
4829 0130	I-35 modular current measurement analysis module	3	18 mm
4829 0131	I-45 modular current measurement analysis module	4	27 mm

### Current sensors

Various types of current sensors can be connected to the Solid TE, split-core TR, TF current sensors. These sensors automatically recognizes the sensor size and type and can be adapted to all types of new and existing installations.

- Plug and play RJ12 connections (for ease of wiring preventing wiring errors)
- Automatic detection of sensor type and current rating

type	model	nominal current (A)	description	pitch (mm)	hole size (mm)
<b>TE - solid current sensors</b>					
• Suitable for new installations - match the pitch of protective devices					
4829 0500	TE-18	5...20	solid current sensor	18	Ø 8.6
4829 0501	TE-18	25...63	solid current sensor	18	Ø 8.6
4829 0502	TE-25	40...160	solid current sensor	25	13.5 ■
4829 0503	TE-35	63...250	solid current sensor	35	21 ■
4829 0504	TE-45	160...630	solid current sensor	45	31 ■
4829 0505	TE-55	400...1000	solid current sensor	55	41 ■
4829 0506	TE-90	600...2000	solid current sensor	90	64 ■

### TR - split-core current sensors

4829 0551	TR-10	25...75	split-core current sensors	—	Ø 10
4829 0552	TR-16	32...100	split-core current sensors	—	Ø 16
4829 0553	TR-24	63...200	split-core current sensors	—	Ø 24
4829 0554	TR-36	200...600	split-core current sensors	—	Ø 36

### TF - flexible current sensors (Rogowski coil)

4829 0570	TF-55	150...600	flexible current sensors	—	Ø 55
4829 0571	TF-120	400...2000	flexible current sensors	—	Ø 120
4829 0572	TF-300	600...16000	flexible current sensors	—	Ø 800