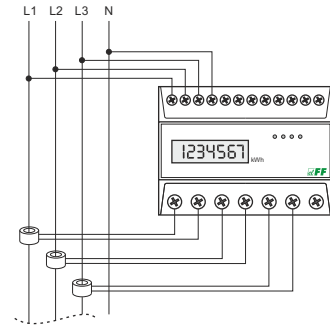


## INDIRECT MEASUREMENT TYPE

### PURPOSE

These meters are intended for current transformers with a secondary current of 5A. Maximum measured current of the system is specified by the value of the primary current while using the current transformer.

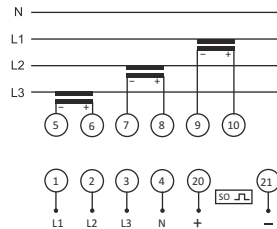
### Current transformers (page 192)



## LE-02d CT TO CO-OPERATION WITH CURRENT TRANSFORMERS



- \* three-phase
- \* 3x5A indirect measurement
- \* 5÷6000/5A transformers
- \* gear set once with a button
- \* according to LVD
- \* pulse output SO



reference voltage	3x230/400V+N
base current	3x1.5A
maximum current	3x6A
secondary current	5A
minimum secondary current	0.04A
measurement accuracy (according to IEC61036)	1st class
own power consumption	<10VA; <2W
number LCD signs	8
meter indicator range	dependent on transmission
meter constant	dependent on transmission
current consumption indication	3xred LED
read-out signalling	red LED
pulse output SO+ SO-	open collector
connection voltage SO+ SO-	<30V DC
connection current SO+ SO-	<27mA
constant SO+ SO-	dependent on transmission
pulse time SO+ SO-	35msec
working temperature	-20÷55°C
terminal	16mm <sup>2</sup> screw terminals
dimensions	4.5 module (75mm)
mounting	on TH-35 rail
protection level	IP20

### FUNCTIONING

The user has the ability to set the index value used gear ratio, which allows you to indicate the actual value taken by the electricity system. In the memory of indicator are preserved values of primary currents  $I_p$  transformers feasible. Choosing the appropriate value in accordance to the values of the connected transformers automatically sets the appropriate factor, according to which computes the actual value of the electricity taken. The LCD displays the actual value of the energy collected in a format depending on the selected gear.

**Gear is programmable using the button positioned under the casing of the meter terminals. For safety reasons, the data registration of the gear setting function can be done only once.**

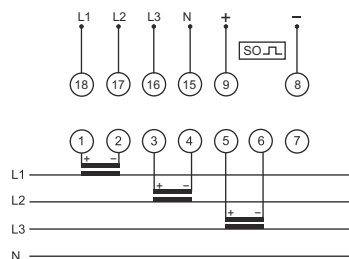
CT currents  $I_p$  inscribed in memory of the indicator:

5, 20, 30, 40, 50, 60, 75, 80, 100, 120, 150, 200, 250, 300, 400, 500, 600, 800, 1000, 1200, 1250, 1500, 2000, 2500, 3000, 4000, 5000, 6000.

## LE-03d CT200 / LE-03d CT400 TO CO-OPERATION WITH A DEDICATED CURRENT TRANSFORMERS



- \* three-phase
- \* 3x5A indirect measurement
- \* 200/5A and 400/5A transformers
- \* factory set gear
- \* according to LVD
- \* pulse output SO



type	LE-03d CT200 200/5A
	LE-03d CT400 400/5A
reference voltage	3x230/400V+N
base current	3x1.5A
maximum current	3x5A
minimum current	0.04A
measurement accuracy (according to IEC61036)	1st class
own power consumption	<10VA; <2W
indication range	999999kWh
meter constant	(3.33Wh/pulse) 300pulses/kWh
current consumption indication	3xred LED
read-out signalling	red LED
pulse output SO+ SO-	open collector
connection voltage SO+ SO-	<30V DC
connection current SO+ SO-	<27mA
constant SO+ SO-	(3.33Wh/pulse) 300pulses/kWh
pulse time SO+ SO-	35msec
working temperature	-20÷50°C
protection level	IP20
terminal	25mm <sup>2</sup> screw terminals
dimensions	7 modules (122mm)
mounting	on TH-35 rail
protection level	IP20

### FUNCTIONING

In the case of transformers with dedicated operating parameters, the meters display the actual value of the power consumed by the system.