

Specific technical data

EN40, EN40p, ME1, ME1z and ME1zr specific technical data					
	EN40	EN40p	ME1	ME1z	ME1zr
Direct measurement	Up to 40 A		Up to 63 A		
Metering and activity indicator light (yellow)	3,200 flashes per kWh		1,000 flashes per kWh		
Wiring error indicator	Yes				
Total meter (max. capacity) on one phase	999 999.9 kWh		999.99 MWh		
Total meter display	In kWh with 7 significant digits		In kWh or MWh with 5 significant digits. No decimal point in kWh; 2 digits after the decimal point in MWh		
Partial meter (max. capacity) on one phase with RESET	-		-	99.99 MWh	
Partial meter display	-		-	In kWh or MWh with 4 significant digits. No decimal point in kWh; 2 digits after the decimal point in MWh	
Remote transfer	-	By static output: - ELV insulation voltage: 4 kV, 50 Hz - 20 mA/35 V DC max. - 100 impulses of 120 ms per kWh	-	-	By NO impulse contact: - ELV insulation voltage: 4 kV, 50 Hz - 18 mA/24 V DC, 100 mA/230 V AC - 1 impulse of 200 ms (contact closing) per kWh

ME3 and ME3z		
	ME3	ME3zr
Direct measurement	Up to 63 A	
Metering and activity indicator light (yellow)	100 flashes per kWh	
Total meter (max. capacity) on one phase	999.99 MWh	
Total meter display	In kWh or MWh with 5 significant digits. No decimal point in kWh; 2 digits after the decimal point in MWh	
Partial meter (max. capacity) on one phase with RESET	-	99.99 MWh
Partial meter display	-	In kWh or MWh with 4 significant digits. 1 digit after the decimal point in kWh
Remote transfer	-	By NO impulse contact: - ELV insulation voltage: 4 kV, 50 Hz - 18 mA/24 V DC, 100 mA/230 V AC - 1 impulse of 200 ms (contact closing) every 10 kWh

ME4, ME4zr and ME4zrt			
	ME4	ME4zr	ME4zrt
Direct measurement	Up to 63 A		-
Measurement by CT	-		Ratio of 40/5 to 6,000/5 (configurable)
CT ratings choice	-		see page 92068E.indd/2
Consumption of each measurement input	-		0.05 to 5 A
Metering and activity indicator light (yellow)	100 flashes per kWh		10,000/x flashes per kWh (1) (x = CT rating)
Total meter (max. capacity) on all 3 phases	999.99 MWh		Where CT ≤ 150 A : 999.99 MWh Where CT > 150 A : 9,999.9 MWh
Total meter display	In kWh or MWh with 5 significant digits. No decimal point in kWh; 2 digits after the decimal point in MWh		
Partial meter (max. capacity) on all 3 phases with RESET	-	99.99 MWh	Where CT ≤ 150 A : 99.99 MWh Where CT > 150 A : 999.99 MWh
Partial meter display	-	In kWh or MWh with 4 significant digits. 1 digit after the decimal point in kWh	
Remote transfer	-	By NO impulse contact: - ELV insulation voltage: 4 kV, 50 Hz - 18 mA/24 V DC, 100 mA/230 V AC - 1 impulse of 200 ms (contact closing) every 10 kWh	By NO impulse contact: - ELV insulation voltage: 4 kV, 50 Hz - 18 mA/24 V DC, 100 mA/230 V AC - 10/x impulse of 200 ms (contact closing) per kWh = x/10 kWh per impulse (2) (x = CT rating)

(1) example: 500/5 CT = 10,000/500 flashes per kWh = 20 flashes per kWh

(2) example: 500/5 CT = 500/10 kWh per impulse = 50 kWh per impulse