



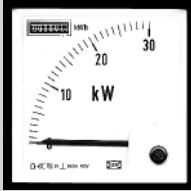




	AEM Advanced Energy Meter	APM Advanced Power Meter	BEM Basic Energy Meter
			
Main function	Digital DIN-rail energy meter for current transformer and direct metering, IR communication for optional interfaces.	Digital DIN-rail power meter for current transformer and direct metering, IR communication for optional interfaces.	Basic digital DIN-rail energy meter for current transformer and direct metering.
Display	kWh/kVArh and W/VAr	Three phases individually	kWh
Current input 80 A	✓ (AEM 180, AEM 380)	✓ (APM 380)	✓ (BEM 380)
Current input 5 A	✓ (AEM 305)	✓ (APM 305)	✓ (BEM 305)
Voltage	400 L-L	400 L-L	400 L-L
Frequency	50 Hz	50 Hz	50 Hz
Size	4 DIN/2 DIN (AEM 180)	4 DIN	4 DIN
Connection: Three phase	✓ (AEM 305, AEM 380)	✓	✓
Connection: Single phase	✓ (AEM 180)	–	–
Accuracy class			
Active energy	1	1	1
Reactive energy	2	2	–
Pulse output (S0)	2	2	2
Tariff	2	1	2
Display phase sequence error	✓ (AEM 305, AEM 380)	✓	✓
MID Certified	✓	–	Optional
Optional interfaces:			
Modbus RTU	✓	✓	–
Mbus	✓	✓	–
KNX	✓	✓	–
LAN	✓	✓	–
SD Datalog	✓	✓	–

	kWh or kVArh Meters, WQ2R96 MKII	kWh or kVArh Meters, WQR96-x MKII	kWh or kVArh Meters, WQR96-c MKII
			
Main function:	Measurement of power or reactive power	Measurement of power or reactive power	Measurement of power or reactive power
Size (mm):	Q96	Q96	Q96
Mounting:	Panel	Panel	Panel
Pointer deflection:	–	90°	240°
Protection:	IP52	IP52	IP52
Accuracy class:	1 (IEC1036)	1 (IEC1036)	1 (IEC1036)
Connection	1W, 1W3, 1W4, 2W3, 3W3 (4)	1W, 1W3, 1W4, 2W3, 3W3 (4)	1W, 1W3, 1W4, 2W3, 3W3 (4)
Frequency:	45...65 Hz	45...65 Hz	45...65 Hz
Measuring range:	Measuring current: direct or from C.T.-/1 A or -/5 A Measuring voltage: 57-100-230-400V AC	Measuring current: direct or from C.T.-/1 A or -/5 A Measuring voltage: 57-100-230-400V AC	Measuring current: direct or from C.T.-/1 A or -/5 A Measuring voltage: 57-100-230-400V AC
Pulse outputs:	2 relays	1 relay	1 relay
	kWh or kVArh Meters, WQR96 MKII		
			
Main function:	Measurement of power or reactive power.		
Size (mm):	Q96		
Mounting:	Panel		
Protection:	IP52		
Accuracy class:	1 (IEC 1036)		
Connection:	1W, 1W3, 1W4, 2W3, 3W3 (4)		
Measuring current:	–		
Measuring voltage:	–		
Measuring range:	Measuring current: direct or from C.T.-/1 A or -/5 A Measuring voltage: 57-100-230-400V AC		
Frequency:	45...65 Hz		
Auxiliary voltage:	–		
Pulse outputs:	1 relay		