

	<b>EVA12-32 A</b> <b>WSZ12D-32A</b> <b>WSZ12DE-32 A</b> <b>WZR12-32 A</b>	<b>WSZ12D-65 A</b> <b>WSZ12DE-65 A</b>	<b>DSZ12D-3x65 A</b> <b>DSZ12DE-3x65 A</b>	<b>DSZ12WD-3x5 A</b> <b>DSZ12WDE-3x5 A</b>
Rated voltage Extended range	230 V, 50 Hz -20 % / +15 %	230 V, 50 Hz -20 % / +15 %	3x230/400V, 50 Hz -20 % / +15 %	3x230/400V, 50 Hz -20 % / +15 %
Reference current $I_{ref}$ (Limiting current $I_{max}$ )	5 (32) A	10 (65) A	3x10 (65) A	3x5 (6) A
Internal consumption Active power	0.5 W WSZ12D: 0.7 W	0.5 W WSZ12D: 0.7 W	0.4 W per path	0.4 W per path
Display	LC display 7 digits, therefrom 1 or 2 digits after the decimal point	LC display 7 digits, therefrom 1 or 2 digits after the decimal point	LC display 7 digits, therefrom 1 or 2 digits after the decimal point	LC display 7 digits, therefrom 1 digit after the decimal point
Display instantaneous values	WSZ12D: active power, voltage, current EVA12, WSZ12DE, WZR12: active power	WSZ12D: active power, voltage, current WSZ12DE: active power	With a key you can select total active power, active power resettable, tariff 1 and tariff 2 and power, voltage and current per phase	With a key you can select total active power, active power resettable and power, voltage and current per phase
Accuracy class $\pm 1\%$	B	B	B	B
Inrush current according to accuracy class B	20 mA	40 mA	40 mA	10 mA
Operating temperature	-10/+55°C	-10/+55°C	-10/+55°C	-10/+55°C
Interface (not EVA12, WZR12)	Pulse interface S0 according to DIN EN 62053-31, potential free by opto-coupler, max. 30V DC/20mA and min. 5V DC, impedance 100 ohms WSZ12D: or log containing meter reading, power, voltage and current			
	WSZ12D: pulse length 30 ms WSZ12DE: pulse length 50 ms	WSZ12D: pulse length 30 ms WSZ12DE: pulse length 50 ms	pulse length 30 ms	pulse length 30 ms
	2000 Imp./kWh	2000 Imp./kWh WSZ12DE-65 A: 1000 Imp./kWh	1000 Imp./kWh	10 Imp./kWh
Terminal cover sealable	With sealing cap PK18. For the current path 1 sealing cap is required	With sealing cap PK18. For the current path 1 sealing cap is required	Terminal cover claps	Terminal cover claps
Protection degree	IP50 for mounting in distribution cabins with protection class IP51			
Maximum conductor cross section	6 mm <sup>2</sup> WSZ12D: L terminals 16 mm <sup>2</sup>	L terminals 16 mm <sup>2</sup> , N and SO terminals 6 mm <sup>2</sup>	N and L terminals 16 mm <sup>2</sup> , SO terminals 6 mm <sup>2</sup>	

The N terminal of three-phase energy meters **must** be connected, if not the electronics might be destroyed.

	<b>WSZ60</b>	<b>DSZ60</b>	<b>DSZ60D</b>
Rated voltage Extended range	230 V, 50Hz -10 % / +10 %	3x230/400V, 50Hz -10 % / +10 %	3x230/400V, 50 Hz -10 % / +10 %
Reference current $I_{ref}$ (Limiting current $I_{max}$ )	5 (60) A	3x5 (60) A	
Internal consumption Active power	1.2 W	1 W per path	1 W per path
Display	drum type register with 7 digits and 1 decimal digit		LC display 7 digits, therefrom 1 decimal digit
Accuracy class $\pm 1\%$	B	B	B
Backstop	yes	yes	yes
Inrush current	10 mA	10 mA	10 mA
Number of tariffs	1	1	2
Operating temperature	-40/+70°C		-25/+70°C
Protection degree	IP51	IP51	IP51
Maximum conductor cross section	35 mm <sup>2</sup>	35 mm <sup>2</sup>	35 mm <sup>2</sup>
weight	1.3 kg	1.7 kg	1.6 kg
dimensions	176x121x63 mm	270x178x60mm	
EG model test certificate	DE-07-MI003-PTB 015	DE-08-MI003-PTB 013	