



Power meter

Part no.
Article no.

KWZ-3PH-63
110826

Delivery programme

Basic function accessories		Power meter
Pole		3 + N
Product range		Accessory

Technical data

Electrical

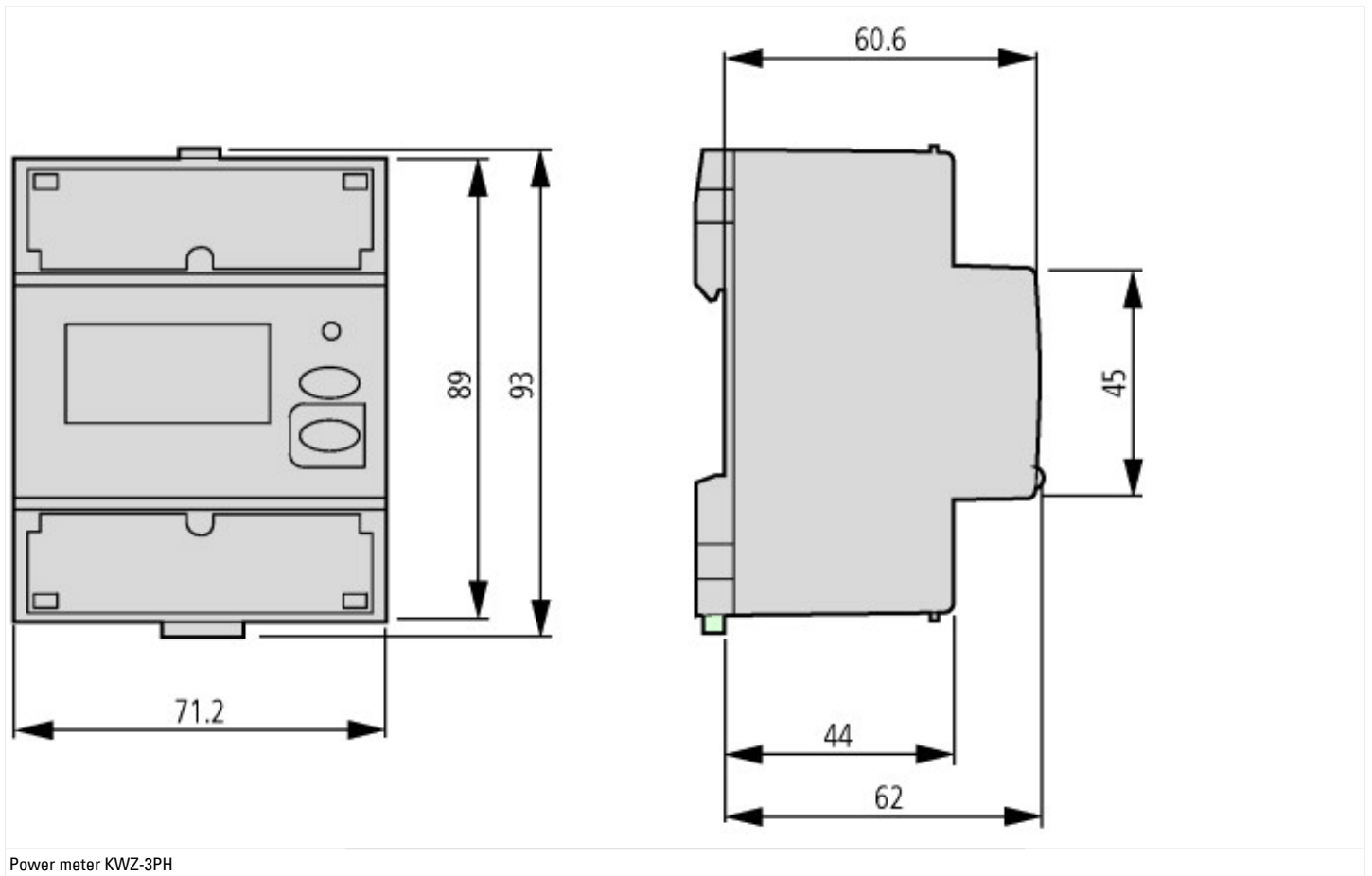
Rated operational voltage	U_e	V AC	230-240/400-415
Voltage range		V AC	110-254/190-440
Rated current	I_e	A	10
Max. current	I_{max}	A	63
Rated frequency	f	Hz	50, 60
Critical frequency		Hz	47-63
Own power consumption per phase (rung)		VA	≤ 4 (each phase)
Overload, intermittent			$30 \times I_{max} / 10 \text{ ms}$
Auxilliary voltage			from measurement
Input signal			sinusoidal
Accuracy class			1
LED signal			1 Imp. / Wh
Pulse output			
Rated value			max. 110 V AC/DC, 50 mA
Switching contact (potential-free)			Optocoupler
Pulse value (selectable)			1 Imp. / 1 Wh, 10 - 100 Wh, 1 kWh, 10 kWh optional 1Imp. / 10 VARh, 100 VARh, 1 kVARh, 10 kVARh
Pulse duration (selectable)		ms	50, 100, 150, 200, 300, 400, 500
Programmable parameters			Network types (3-phase, 3- or 4-conductor), Partial energy and double rate, performance average, pulse output
Overvoltage category			III
Insulation voltage (phase-phase)		V	300
Rated impulse withstand voltage (1.2/50) μs		kV	5
Test voltage			
Input/pulse output		kV	2.75
All circuits and earth		kV	4
Protection class			II

Mechanical

Standard front dimension		mm	45
Device height		mm	89
Mounting width		mm	71.2
Weight		g	260
Display			LCD 8 digit
Digit height		mm	6
Maximum indication			999999.99 kWh
Resolution			10 W
Measured value indication			split over 7 pages
Mounting			Quick attachment for top-hat rail IEC/EN 60715
Degree of protection of enclosure front and terminals			IP52 / IP20
Terminals top and bottom			Screw terminals
Terminal capacities			
Current connections			

Solid	mm ²	1 - 10
Stranded	mm ²	1 - 13
Voltage connections		
Solid	mm ²	1 - 4
Stranded	mm ²	1 - 3
Permissible relative humidity		geeignet auch für tropische Bedingungen
Reference temperature	°C	23 ± 2
Temperature range	°C	-5 to +55
Storage and transportation	°C	-25 - +70
Overvoltage category/pollution degree		2

Dimensions



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