

PMD s10 24-240VACDC

760100



True power monitoring device for measuring and monitoring the true power of electrical loads, limit values that can be set via display, can be saved to chip card, relay output: 2 changeover contacts, analogue output: 4 - 20 mA and 0 - 10 V DC operating voltage: 24 - 240 V AC/DC, measuring voltage: 100 - 550 V AC, measuring current: 1 - 12 A, screw terminals.

Technical details

General data

Approval: CE, UKCA, cULus Listed

Technical data

Electrical data

Supply voltage (V):	24 - 240 V
Type of supply voltage U1:	AC/DC
Power consumption AC:	5 VA
Power consumption DC:	3 W
Max. device circuit breaker:	Max. conductor cross section

Measuring circuit

U meas. range analogue input:	100 - 550 V
I meas. range analogue input:	1 - 12 A
Freq. meas. range analog i/p:	0, 15 - 400 Hz

Output signals during motor operation

Uout during motor mode 10-0 V:	10 - 0 V
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Output signals during generator operation

Uout during generator mode:	0 - -10 V
Iout during generator mode:	0 - -20 mA

Relay outputs

Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
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Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Safety contacts: AC at UL:	240 VAC G. U.
Relay contact material:	AgNi10
Environmental data	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature:	-10 - 55 °C
Condensation permitted?:	Not permitted
EMC to standard ...:	EN 61000-6-2, EN 61000-6-4
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60664-1
Overvoltage category:	III / II
Pollution degree clear.&creep.:	2
Times	
React.time analog o/p 15-60 Hz:	70 - 16 ms
Mechanical data	
Mounting position:	any
Housing material lower section:	PC
Housing material front plate:	PC
Housing material upper part:	PC
Connection terminal:	Screw terminal
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	98 mm
Width dimension:	45 mm
Depth dimension:	120 mm
Net weight:	340 g
Gross weight:	350 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance

WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	90303370
UNSPSC 25:	39122331
EAN-Code:	4046548051865
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371806
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001443

Optional accessories

779211

Chipcard 1 piece 32kB



750008

PNOZ s Set1screw terminals 45mm

