

DEIF A/S

Type Certificate

4124030060C

Type:	Power Management System Delomatic 4 (DM-4)
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Technical specifications

* Measuring Voltage:	100V to 690Vrms Consumption max. 0.5A / phase
* Measuring Current:	-/1 or -/5A AC Consumption: max. 0.4VA / phase
* Measuring frequency:	30...70Hz
* Auxiliary supply	24V DC -25/+30% max. 6A
* Binary input:	Open/closed 12V/7,5mA
* Relay outputs:	Contact ratings: 250V AC/24V DC, 8A
* Analogue outputs:	0 – 20mA
* Analogue inputs:	0...+10V DC and 0 – 20mA
* Galvanic Separation:	Between voltage measurement inputs and all other potentials: 2.500V AC, 50 Hz, 1 min. Between supply voltage and all other circuits: 500V AC, 50Hz 1min Between supply voltage and earth: 500V AC, 50Hz 1min
Current overload:	4 x I _n continuously 20 x I _n , 10 sec. (max. 75A) 80 x I _n , 1 sec. (max. 300A)

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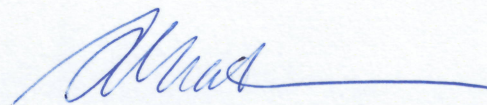
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Type test specifications		Tested according to:
Temperature:	-25...70°C (operating)	IEC 60068-2-1
Accuracy:	Class 0.5	IEC 60688
Climate:	97% RH	IEC 60068-2-30, test Db
Vibration:	3...13.2Hz: 2mm _{pp} 13.2...100Hz: 0.7g	IEC 60068-2-6 & IACS UR E10
Shock:	Base mounted 50g, 11msec. half sine Tested with 3 impacts in each direction in all 3 axes. Total 18 impacts per test.	IEC 60068-2-27, test Ea
Safety:	Installation Cat.III 600V Pollution degree 2	EN 61010-1
EMC:		EN 61000-6-1/2/3/4 IEC 60255-26 IEC 60533 power distr. zone IACS UR E10 power distr. zone
Materials:	All plastic parts are self-extinguishing to UL94 (V0)	
Protection:	Unit: IP20 DU and AOP: IP40 (IP54 with gasket – option L)	IEC/EN 60529

*) Tested on all units according to specifications. Remaining specifications are tested regularly by test sampling

16th March 2015

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Søren Madsen
Product Approval Manager