



power in control

# DEIF A/S

# Type Certificate

4124030071B / JCL

Type:	Compact Genset Controllers CGC 200
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<i>Technical specifications</i>	
* Measuring AC Voltage:	25V AC to 277VAC $\pm 20\%$ (ph-N)
* Measuring frequency:	7...80Hz
* Auxiliary supply	8V DC - 35V DC < 3W consumption
* Magnetic Input range	1,5V to 24V (RMS)
* Magnetic Input Frequency	10 – 10,000 Hz
Relay outputs:	1A @ 35VDC
* Binary input detection level:	Emergency Stop input: Active from 0 to 3.4 VDC Inactive from 3.5 to power supply voltage  Others digital inputs: Active from 0 to 1.6 VDC Inactive from 1.7 to power supply voltage

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Type test specifications		Tested according to:
Temperature:	-25...70°C (operating) -40...80°C (storage)	IEC 60068-2-1 IEC 60068-2-2
Accuracy:	Class 2.0	IEC 60688
Climate:	97% RH	IEC 60068-2-30, test Db
Vibration:	5...8Hz: ±7.5mm 8...150Hz: 2g	IEC 60255-21-1 Response (Class 2) IEC 60255-21-1 Endurance (Class 2) IEC 60068-2-6
Shock:	50g, 11msec. half sine  Tested with 3 impacts in each direction in all 3 axes. Total 18 impacts per test.	IEC 60255-21-2 Response (Class 2) IEC 60255-21-2 Endurance (Class 2) IEC 60068-2-27, test Ea
Bump	20g, 16msec. half sine  Tested with 1000 impacts in each direction in all 3 axes.	IEC 60255-21-2 (Class 2)
Safety:	Installation Cat.III 300V Pollution degree 2	EN 61010-1 IEC 60255-27
Load Dump	24VDC system Power supply port: 123V/1Ω/100ms 174V/8Ω/350ms Coupling: DM	ISO 7637-2 – Test pulse 5
EMC:		IEC/EN 61000-6-2/4 IEC 60255-26
Materials:	All plastic parts are self-extinguishing to UL94 (V1)	
Protection:	Front: IP65 Terminals: IP20	IEC/EN 60529

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

9<sup>th</sup> May 2014

DEIF A/S

Knud J. Poulsen

Type Approval Manager

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