



DEIF A/S

Type certificate

4124020002B

Type: AL8-2 Alarm panel

Technical specifications

* Auxiliary voltage	12-24-48-110 V DC $\pm 25\%$ (min. 10V DC) Consumption: approx 6W
* Alarm channels	8 channels for connection of potential-free signal contacts (N/O or N/C) Delay of each input: 0..40secs. Indication of first alarm. Alarm to be present for min. 50ms to be registered.
* Inhibit	1 channel for connection of potential-free signal contact (N/O). Inhibit at closed contact. Delayed cancellation: 0..40secs.
* Max. signal	6V (open contact), 6mA (closed contact)
* Horn alarm	1 relay output change over switch (NDE)
* Group alarms	2 relay outputs with change over switch (NE/NDE) Limited activation possible:1..10secs
* Relay contact rating	250V-2A-400W (AC). 250V-1A-50W (DC)

Type test specifications

Tested according to:

Temperature:	-25...55°C (nominal) -25...70°C (operating) -40...70°C (storage)	IEC 60068-2-1 IEC 60068-2-2
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:	6 attempts with 15g (in 3 directions)	IEC 60068-2-27, test Ea
Safety:	Installation Cat.III 300V Pollution degree 2	EN 61010-1 tested at 2kV, 50Hz, 1 min. Aux. supply to other circuits and relay outputs to other circuits
EMC:		EN 61000-6-2/3 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:	Terminals: IP20 Front: IP54	IEC/EN 60529

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



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