

Marine Approved Analogue Dual Sounder Controller

CHQ-DSC2/(SCI)



Features

- ▶ Single loop address
- ▶ Each alarm circuit fused at 1 amp
- ▶ Two independent sounder circuits, each fully monitored for open and short circuit faults
- ▶ Auxiliary monitored input
- ▶ Outputs can be driven continuously or synchronised pulsed sounder drive
- ▶ "Smart-Fix" housing system for flexibility
- ▶ Features an integral SCI
- ▶ Approved to MED by GL
- ▶ GL Type approval
- ▶ Approved by FNV GL

Description

Model CHQ2-DSC/(SCI) is a Dual Sounder Controller, which has been designed to provide two sounder outputs (that can be driven separately) with full fault monitoring. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. The unit utilises simple DIL switches for reliable addressing. A back box is also available (CHQ-BACKBOX) which, when used in conjunction with the CHQ-DSC2/(SCI), increases the IP rating to IP65.

Specification	
Ordering codes	CHQ-DSC2/(SCI) (module with SCI)
Operating voltage	17 - 41 V dc
Quiescent current (typ)* ¹	350 μ A
Current consumption	22 mA \pm 20 % (polling)
Current in short-circuit	8 mA
Maximum short-circuit current (Loop)	1 A
Field of View	90° min. Cone
Range - Class 1*	0.1 m ² n-heptane at 25 m
Class 3	0.1 m ² n-heptane at 12 m (see EN54: 10 for sensitivity settings)
Spectral Response	UV (185 - 260 nm) IR (1.0 ~ 2.7 μ m)
Operating temperature range	-10 °C to + 55 °C
Storage temperature range	-20 °C to + 65 °C
Maximum humidity	95% RH - Non condensing (at 40 °C)
Ingress Protection Rating	IP65
Operating temperature range	-25 °C to +70 °C
Storage temperature range	-30 °C to +70 °C
Weights & Dimensions	360g L=157 x W=127 x D=35 (Module plus Lid) D=79 (CHQ Module plus Lid plus CHQ-BACKBOX) (add 235 to module weight when using CHQ-BACKBOX)
Colour and enclosure material	CHQ Module & CHQ-BACKBOX White ABS, Module Lid Semi-Opaque Black ABS as standard (white version (CHQ-LID(WHT) also available)
Approvals	DNV GL Type Approval and MED Certification

*¹ Add 200 μ A per Active Sounder Line.

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