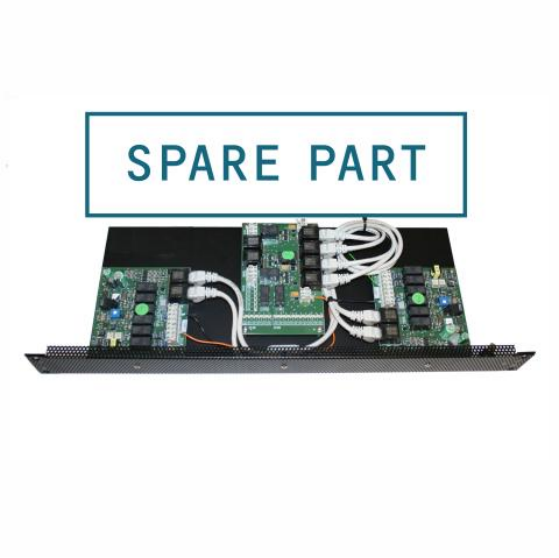

1152100002

ACM Advanced PA & GA Redundant Control Unit

Description

- Redundant PA and GA control unit supporting requirements for integrated PA and GA from GL, RINA, BV and ABS
- Supports 6 PA zones and 3 SPA microphone panels and 2 alarm panels
- Supports integrated PA solution using ACM intercom station
- Logic is mounted in one special 2 HU and one 1HU shelf for easy service
- All cables pre wired for easy installation

The ACM ADVANCED PA AND GA REDUNDANT CONTROL UNIT function module is made to fit into the ACM Advanced System Rack. The unit consists of two cabinet shelf, providing redundant PA and GA logic. This function module contains, single main control board, multizone board (allowing several amplifiers), dual alarm generator and alarm relay board. The ACM ADVANCED PA AND GA REDUNDANT CONTROL UNIT is powered from ACM ADVANCED redundant power module (2x230VAC)

The dual alarm generator contains one master generator and one standby generator. If the master is failing the standby will automatically take over.

Integrated solution with PA/GA is a part of a total cost effective solution.

Optional functions are: chime generator, entertainment (4 way in 6 zones), CD-player and radio, output for voice data recorder, and digital message recorder/recall for pre-recorded message output.

At delivery, the system is tested according to SOLAS requirement.

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Specifications

GENERAL	
Shelf 1 size (mm)	483W x 90H x 440D (19'' 2HU)
Shelf 2 size (mm)	483W x 45H x 168D (19'' 1HU)
Power	230V AC
Material	Anodized black aluminium
Connection	WDU 2.5 terminals on side plates
Cable requirements	Signal cable 0.75mm2 twisted pair outer screen
Operating temp	-15 to +55oC
Relative humidity	10% to 90% RH
PA and GA functions	14 pre configured alarm tone patterns, Alarm mute during PA announcement, Dry contacts activated during PA announcement for: GA pulsing w/mute, GA pulsing, GA-steady, Talkback input, PABX input
Tested according to	SOLAS Chapter 3

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