HAES

Haescomm

EX8 SYSTEM EXPANDER PANEL

Features at a glance

- Compact design

- Fully compliant to BS5839-9:2011

- Integrated Assist Call with acknowledge. Meets BS8300

- 1.5A EN54-4:A2 PSU

- Full duplex operation

- Wall mount enclosure

- Lockable handset cover

- Expandable from 2 to 8 lines

- Inbuilt networking

All Haescomm Emergency Voice Communications Systems (EVCS) are designed to comply fully with the requirements of BS5839-9:2011 for use as a fire telephone system (FT), disabled refuge system (DRS) or as a combined system when both fire telephones and disabled refuge systems are required.

An EVCS is a fixed, secure, bi-directional, full duplex voice communication system to assist fire fighters during emergencies in high rise buildings or large sites, where radio communication cannot be guaranteed to work due to interferance from the fire corona.

The Haescommm HC-EX8 system expander panel can accept up to eight lines of outstation, (Type A fixed phones, Type B refuge hands free points, emergency assist alarm point or jack points in Far East and Middle East applications) as required.

Lines auto identify by flashing Red for EVCS calls, Blue for assist calls or flashing Green for connected calls, as detailed in BS5839-9:2011

The HC-EX8 has inbuilt networking allowing it to form one of the 64 panels on a Haescomm network installation allowing a total of 512 outstations to be accomodated. Each panel on the network can be a master station or HC-EX8 system expander.

The display on the front of the HC-EX8 gives the current call or fault status of each line of the local panel.

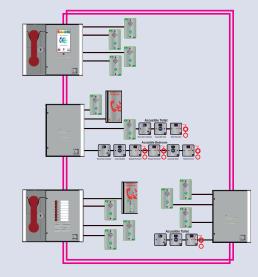| Models	Description
HC-EX8-8	8 line network exchange

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Compatibility

Compatible with all Haescomm EVCS controllers, outstations and Haescomm integrated Emergency Assist call system.

Technical Specification

Power Supply and Charger

AC Input	230v AC +/- 10% 50/60Hz
Internal Supply	5v, 16v, 27v DC
Supply	Monitored: open, short, fuses, high impedance
Protection	Deep discharge, short, thermal
Battery Type	1 x 12v 4Ah VRSLA
Mains Fuse	240v 1A HRC
Battery Fuse	750mA PTC
Charge Current	400mA

Inputs

Lines	2-8 in 2 line blocks
Remote Enable	Short to use
End of Line	10KΩ

Outputs

Number	2 x fault & in use
Type	Volt free relay
Contact	30v DC 1A

Controls

Line LEDs	8 x RGB
State LED	1 x RGB indicator
Fault LEDs	PSU, System, General
Supply LEDs	AC, DC present

Network Cables

Type	Enhanced
Cores	2 x 2 core 1 or 1.5mm
Distance	500m

Standards Compliance

EMC	EN55103-1, ENN55103-2
LVD	EN60065
Product Family	BS5839-pt9, BS9999, BS8300

Dimensions

Height	300mm
Width	220mm
Depth	95mm
Weight	6.5Kg

Network and Assist Call Integration

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LPCB

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Assessed to ISO 9001
LPCB Ref. No. 810