

CARATTERISTICHE GENERALI

Potenza*	6-8, 11-24, 24-36w
Alimentazione	230Vac +/- 10% 50Hz
Funzionamento	Permanente (SA), Non Permanente (SE) Rest Mode: con dispositivo di controllo opzionale (cod. 2730)
Conformità	EN 60598-1, EN 60598-2-22, UNI EN 1838, UNI 11222
Grado di protezione	IP65 - IK07
Autonomia	1h, 3h
Temp. ambiente	0°C ÷ +40°C
Installazioni	parete, soffitto, binario trifase
Alimentatore	Alimentatore elettronico a corrente costante
Corpo	Policarbonato, bianco RAL 9003
Ottica	Lenti in policarbonato trasparente
Sorgente luminosa	LED

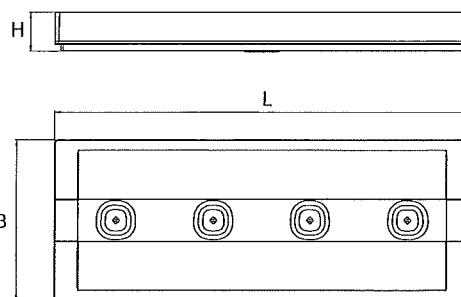
* Potenza indicativa per il confronto con apparecchi a tubo fluorescente

UP•LED

Emergenza LED

Apparecchio per illuminazione di emergenza caratterizzato da una grande flessibilità di utilizzo. Con meno di 20mm di spessore si è ottenuto un forte e innovativo impatto estetico. Compattezza, elevate prestazioni, flessibilità di installazione e Grado di protezione IP65 fanno della UP•LED un apparecchio ideale per qualsiasi tipo di installazione.

Disponibili nelle versioni SE e SA, ogni codice ha la possibilità di selezionare l'autonomia (1h, 2h, 3h) modificando il flusso uscente. L'intera gamma è dotata di tutti gli accessori per la trasformazione a segnaletica con visibilità 20 e 30 metri.



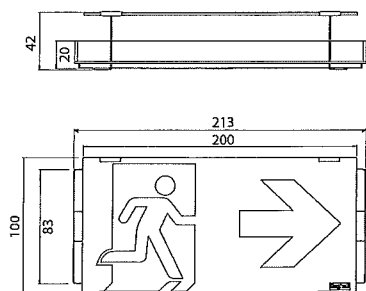
Potenza* W	• Dimensioni (mm) •				DV
	L	B	H		
6-8	213	83	20		20/30
11-24	213	83	20		20/30
24-36	213	83	20		20/30

* Potenza indicativa per il confronto con apparecchi a tubo fluorescente

Accessori

In dotazione

Cod. Ordine	Descrizione
-	KIT IP65 (RACCORDO DI CONNESSIONE+GUARNIZIONE)
-	2 DISTANZIALI POSTERIORI per montaggio con Raccordo di connessione IP65
-	2 TAPPI IP65
-	PASSACAVO IP65

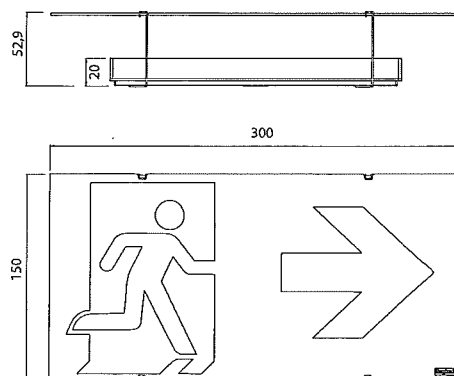


schermo segnaletica - distanza di visibilità 20 m

Accessori

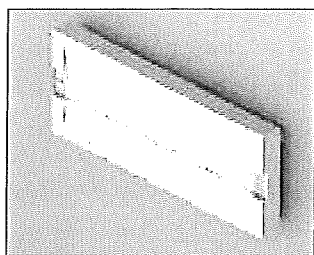
da ordinare separatamente

Cod. Ordine	Descrizione
4310	SCREEN DX-SX-BS UPLED 20M
4311	SCREEN DX-SX-BS UPLED 30M
4319	KIT BINARIO TRIFASE

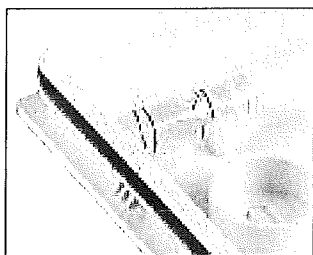


schermo segnaletica - distanza di visibilità 30 m

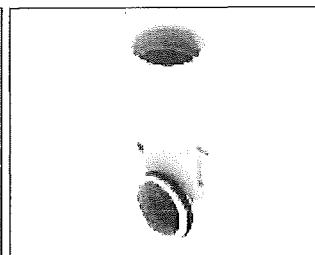
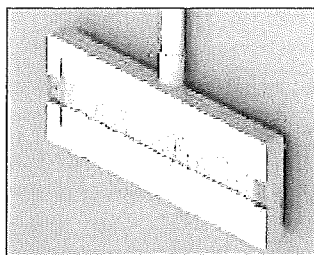
INSTALLAZIONE A PARETE



BOLLA DI LIVELLO



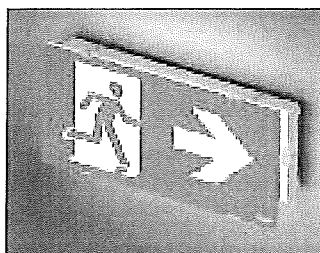
INSTALLAZIONE IP65 CON RACCORDO DI CONNESSIONE



- RACCORDO DI CONNESSIONE IP65

in dotazione

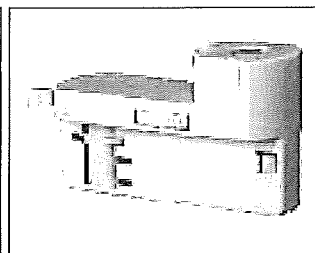
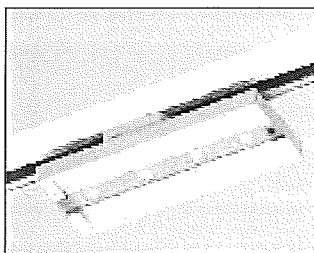
SCHERMO SEGNALETICA VISIBILITÀ 20-30M



4310 SCHERMO BANDIERA CON TELAIO DX/SX/ BASSO 20m da ordinare separatamente

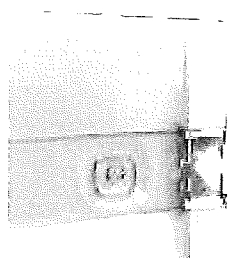
4311 SCHERMO BANDIERA CON TELAIO DX/SX/ BASSO 30m da ordinare separatamente

INSTALLAZIONE SU BINARIO TRIFASE

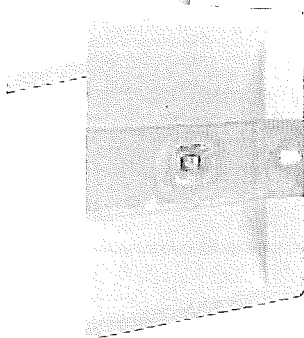


4319 KIT BINARIO TRIFASE

da ordinare separatamente



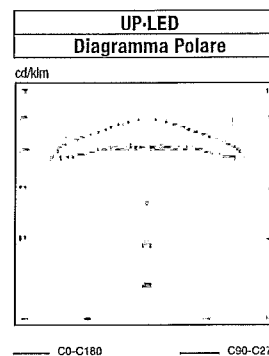
**LED di segnalazione rosso:
MALFUNZIONAMENTO
DELLA BATTERIA**



**LED di segnalazione verde:
APPARECCHIO
IN PIENA EFFICIENZA**

BATTERY CONTROL SYSTEM

Il LED di segnalazione segue nuovi protocolli legati al rispetto della Norma CEI EN 60598-2-22, dove viene espressamente richiesta la segnalazione del malfunzionamento della batteria che, nel caso di UP•LED, viene istantaneamente segnalato con la comparsa del colore rosso sul led multicolore di segnalazione (sistema Battery Control System BCS).



TR

BCS - Control Battery System

W*	Cod. Ord.	Descrizione	Versione	Autonomia	Batteria	n° LED	Flusso* SE lm			Flusso medio SA lm	Assorb. max (W)	Peso kg	Imballo sing/multi
							1h	2h	3h				
6-8	4300	UP LED 6-8W SE 1/2/3N IP65	SE	1/2/3h	NiCd 3,6V 0,75 Ah	4	240	140	95	-	0,8	0,25	12
11-24	4301	UP LED 11-24W SE 1/2/3H IP65	SE	1/2/3h	NiMh 3,6V 1,2 Ah	4	340	195	130	-	0,8	0,25	12
24-36	4302	UP LED 24-36W SE 1/2/3H IP65	SE	1/2/3h	NiMh 3,6V 1,5 Ah	4	450	240	170	-	1,2	0,27	12
11-24	4303	UP LED 11-24W SARM 1/2/3H IP65	SA/SE	1/2/3h	NiMh 3,6V 1,2 Ah	4	340	195	130	180	3,0	0,25	12
24-36	4304	UP LED 24-36W SARM 1/2/3H IP65	SA/SE	1/2/3h	NiMh 3,6V 1,5 Ah	4	450	240	170	240	3,5	0,27	12

* Flusso minimo garantito secondo EN 60598-2-22

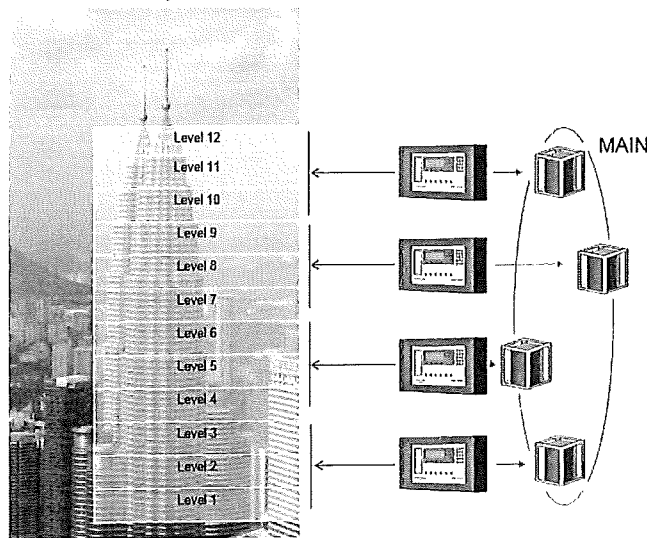
AUDIONET-MX

STAND ALONE SYSTEM

AUDIONET-MX is a certified EN54-16 voice alarm audio system that is intended to be used in applications where voice evacuation and general public address is needed. The system is configurable upon the layout of the building thanks to its extreme flexibility. Its units and sub-systems allow to setup configuration that will manage up to 110 zones and up to 120 microphone stations. The system can forward recorded alarm messages to dedicated zones. Each zone has two independent and dedicated messages, in this way is possible to share specific audio messages to different zones simultaneously. All signal and data paths are fully monitored in according with the requirements of the EN54-16 regulation. The system has a dedicated configuration software to manage the entire routing and message storage.

LOOP NET

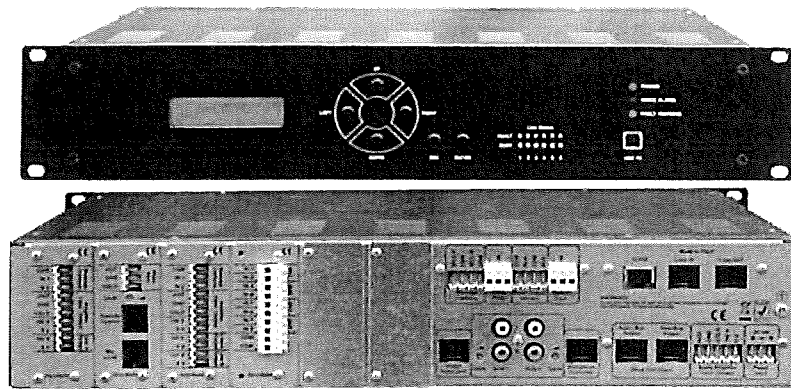
Is possible to share audio messages and live calls on a net (loop style) of maximum 32 systems with 110 audio lines each, where the main Master matrix will receive all the system events of the others sub systems.



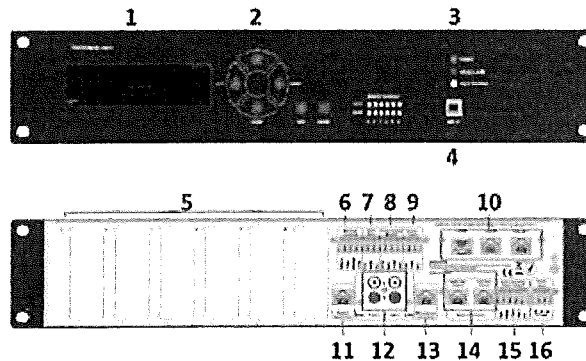
MAIN FEATURES AND FUNCTIONALITIES

- ▣ Voice alarm sound system configurable from 1 to 110 zones
- ▣ Independent controller for each zone
- ▣ Two dedicated recorded messages for each zone
- ▣ Monitored trigger contacts for alarm messages
- ▣ Continuous and independent monitoring of power amplifiers and loudspeaker lines, including ground fault
- ▣ No loudspeaker line termination is needed (18 KHZ tone pilot)
- ▣ Initial calibration of loudspeaker lines and power amplifiers
- ▣ Spare amplifier connections on master and slave units
- ▣ Independent volume and tone control for each zone
- ▣ Independent volume and tone control for each audio program, spoken or recorded
- ▣ Background music input
- ▣ Up to 121 microphone station management.
 - Each microphone station is fully monitored.
- ▣ Continuous monitoring of audio patch and mic. capsule on each microphone station.
- ▣ Operation through 3 password protected access levels
- ▣ Internal events log list
- ▣ Dry contacts for system status monitoring
- ▣ Extension slots for future uses and system upgrades.

MX6Z-AN Master Matrix



Audio master matrix, certified EN54-16, predisposed for the insertion of 6 MZA-AN or MZAB-AN modules to control the amplifier and the speakers line. LCD front panel display, function keys, power LED, FAULT WARNING VOICE, ALARM and led FAULT, BUSY for each zone. Front USB socket for connection to PC. 24 Vdc power input, connector for input amplifier reserves, two RJ45 connectors for connection to the slave matrix, one RJ45 connectors for connecting the console microphone. Input connector for two activation messages and contacts connector in / out programmable, monitor of EN54-4 UPS.



1. LCD
2. Navigation keyboard
3. Status LED: 'POWER' to indicate the 'POWER-ON' status, 'VOICE ALARM' to indicate a message is running, 'FAULT WARNING' to indicate a system fault.
4. USB port to connect SECURAUDIO (configuration software).
5. 6 x Predisposed slot to insert MZA-AN (single line zone controller) or MZAB-AN (redundant A+B line).
6. 2 x monitored digital inputs for activations.
7. 1 x relais output (general Alarm).
8. PSU input.
9. 1 x relais output (System Fault).
10. Predisposed slot to insert SLT-AN module (loop net card).
11. 1 x RJ-45 (not used, for future extensions).
12. 2 x RCA input terminals (AUX Music1 and AUX Music 2), complete with GAIN trimmer.
13. 1 x RJ-45 terminal to connect up to 121 monitored call stations.
14. 2 x RJ-45 terminals to connect slave matrix (MX8Z-AN) to extend the system.
15. Dedicated terminal to connect the spare amplifier (backup).
16. 24V Input.

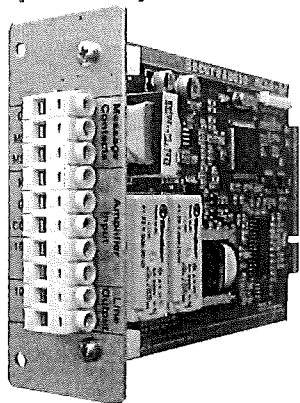


MX6Z-AN Technical Features

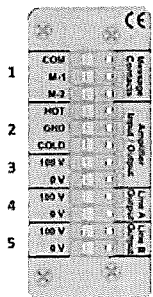
LAYOUT	Steel enclosure, rack mountable with extensions slots on back panel
DIMENSIONS	W:19" - H: 2U - D: 195,5mm
WEIGHT	4,75 Kg
OPERATION / HUMIDITY	-5 ° C ÷ +60 ° C; Humidity 25% -75%
USER INTERFACE	6x navigation keys, graphic 160x64 LCD display, 3x System LEDs, USB Device port, 12 x Line Status LED
POWER INPUT	+24Vdc (min 22Vdc, max 28Vdc)
CONSUMPTION	2,64W (110mA @ 24Vdc) - measurement condition: quiescent state, all slots empty, no mic station connected
POWER DISTRIBUTION	1 X 24Vdc bypass - max 1,5A on each microphone bus.
ZONE CONTROLLERS	6 X SLOTS
EXTENSION PORTS	2 X RJ-45 to extend the system with 13 x MX8Z-AN
CALL STATION BUS	Balanced, 600 ohm, freq. response 250 ÷ 18.000Hz @-3dB, 2Vpk max, S/N >80dB, RS485 data bus.
MUSIC AUX	2 x STEREO INPUTS (RCA Terminals)
DIGITAL AUDIO PLAYER	12bit, 32Khz, storage files audio on Secure Digital card
VOLUME CONTROL	-50dB ÷ 0dB
EQ CONTROL	-14dB ÷ +14dB
SPARE AMPLIFIER	Automatic management and automatic switchover in case of main amplifier failures.
AMPLIFIER MONITORING	1 KHz tone burst
PLAYER CONTROL	2x inputs, with short circuit and cable-cut monitoring
OUTPUT CONTACTS	Busy (NC) - Alarm (NO) - Fault (NC/NO)
CERTIFICATE	EN54-16: 0068-CPR-018/2016 del 27/4/2016

MZAB-AN

Redundant line (A+B) Zone controller



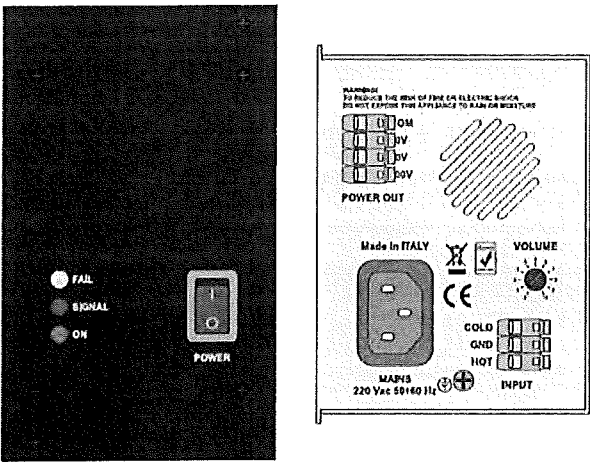
Redundant line zone controller to be inserted into the master matrix EV6Z-AN or slave EV8Z-AN. Terminal to connect the amplifier input and output (audio line @ 100V), line-out connector and 2 x monitored digital inputs for activations. Internal memory to store up to 2 x prerecorded audio messages. Independent monitoring of both speaker lines. MZAB-AN manages the zone amplifier and its loudspeaker line. In case of FAULT of the power amplifier, the unit calls for automatic switchover the spare AMP, if installed.



MZAB-AN Technical Features

LAYOUT	Steel enclosure, Open frame mountable on MX6Z-AN or MX8Z-AN.
DIMENSIONS	85x35x125mm (H x W x D)
WEIGHT	0,2 Kg
OPERATION / HUMIDITY	-5 ° C ÷ +60 ° C; Humidity 25% -75%
DIGITAL INPUTS	2 x monitored inputs, with short circuit and cable-cut monitoring
ONBOARD MEMORY	Allows to store 2 x 1 minute audio messages
CONSUMPTION	0.72W (30mA @24Vdc) - quiescent state
DIGITAL AUDIO PLAYER	12bit, 32Khz, storage files audio on Secure Digital card
OUTPUT	2 x 100V, max 500Wrms
LINE MONITORING	18Khz tone burst, FFT analysis, 5% impedance tolerance
CERTIFICATE	EN54-16: 0068-CPR-018/2016 del 27/4/2016

AMD240-AN
240 W digital amplifier



Digital power amplifier 120 Watt. Power transformer and output toroidal high performance. Fuse is in power input and output. Front panel with LED indicators. Rear panel input connector 0 dB 600 ohm electronically balanced with pin connector, volume control and connector for output COM - 100 - 70 - 50 V. Power supply 220 Vac.

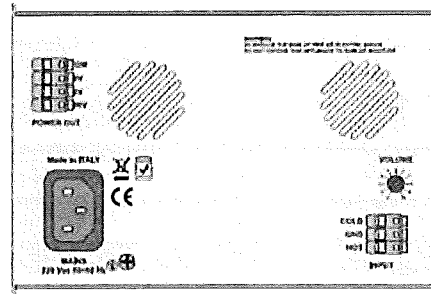
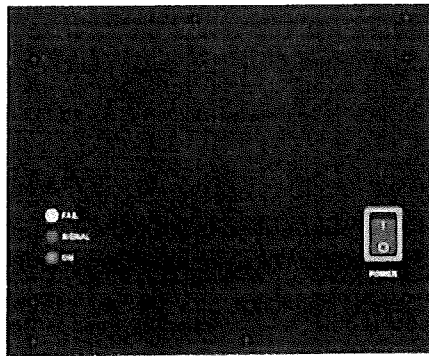
AMD240-AN Technical Features

LAYOUT	Steel enclosure, to be inserted into CAMD5 (1 unit)
DIMENSIONS	132 x 91 x 365 mm (H x W x D)
WEIGHT	5,8 Kg
USER INTERFACE	3 x Status LED, 1 x ON/OFF power switch. Gain trimmer.
OPERATION / HUMIDITY	-5 ° C ÷ +60 ° C; Humidity 25% -75%
POWER INPUT	230 VAC, fuse protected
AUDIO OUTPUT	1 x 240W RMS output. Output @ 50-70-100 V
AUDIO INPUT	1 x balanced audio 0 dB, 600 Ohm impedance.
CERTIFICATE	EN54-16: 0068-CPR-018/2016 del 27/4/2016

Honeywell

AMD480-AN

480 W digital amplifier



Digital power amplifier 480 Watt. Power transformer and output toroidal high performance. Fuse is in power input and output. Front panel with LED indicators. Rear panel input connector 0 dB 600 ohm electronically balanced with pin connector, volume control and connector for output COM - 100 - 70 - 50 V. Power supply 220 Vac.

AMD480-AN Technical Features

LAYOUT	Steel enclosure, to be inserted into CAMD5 (2 units)
DIMENSIONS	162 x 132 x 365 mm (H x W x D)
WEIGHT	10,6 Kg
USER INTERFACE	3 x Status LED, 1 x ON/OFF power switch, Gain trimmer.
OPERATION / HUMIDITY	-5 ° C + +60 ° C; Humidity 25% -75%
POWER INPUT	230 VAC, fuse protected
AUDIO OUTPUT	1 x 120W RMS output. Output @ 50-70-100 V
AUDIO INPUT	1 x balanced audio 0 dB, 600 Ohm impedance.
CERTIFICATE	EN54-16: 0068-CPR-018/2016 del 27/4/2016

Honeywell

VVF-AN

Modular Emergency Call station

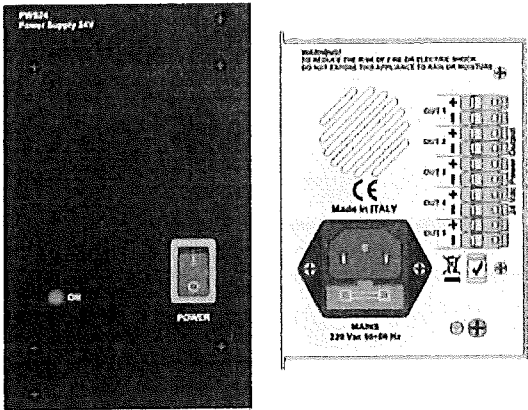


PTT Emergency MIC to be inserted into CAMD5. The microphone is fully monitored in accordance with EN54-16.

VVF-AN Technical Features

LAYOUT	Steel enclosure, ABS Microphone, to be inserted into CAMD5 (1 unit)
DIMENSIONS	82 x 132 x 365 mm (H x W x D)
WEIGHT	2,2 Kg
USER INTERFACE	1 x PTT Microphone
OPERATION / HUMIDITY	-5 ° C ÷ +60 ° C; Humidity 25% -75%
POWER INPUT	24 VDC
MICROPHONE	Dynamic, cardioid with PTT for priority
COLOUR	Black
CERTIFICATE	EN54-16: 0068-CPR-018/2016 del 27/4/2016

PWS24
24 VDC Power Supply

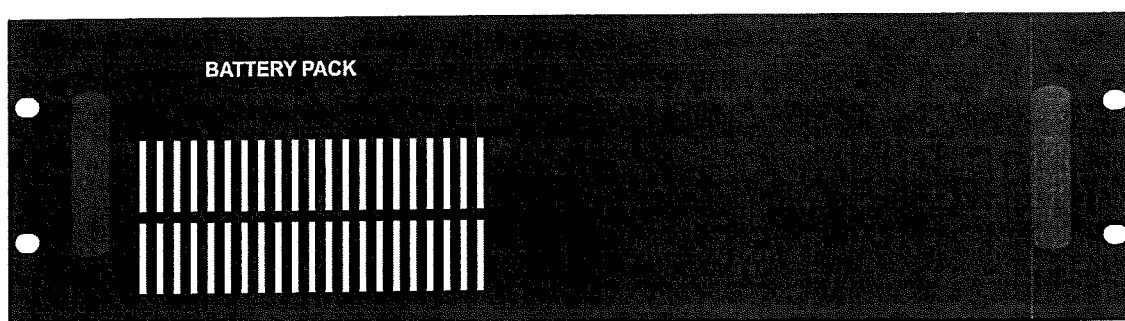
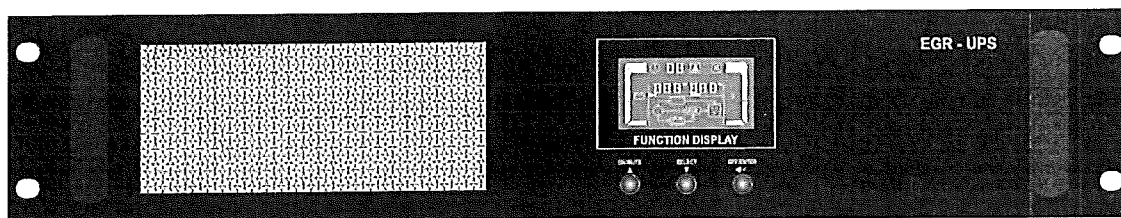


Switching power supply module 24 VDC 4 A for the AUDIONET-MX system. Dimensions (HxWxD) 132 x 81 x 365 mm, weight 2,5 Kg. Fits into case CAMD5. 5 x Fuse protected outputs.

PWS24 Technical Features

LAYOUT	Steel enclosure, to be inserted into CAMD5
DIMENSIONS	132 x 81 x 365 mm (H x W x D)
WEIGHT	2,1 Kg
OPERATION / HUMIDITY	-5 ° C + +60 ° C; Humidity 25% -75%
USER INTERFACE	1 x POWER ON LED, Frontal ON/OFF switch
POWER INPUT	230 VAC, fuse protected
POWER DISTRIBUTION	5 x 24 VDC outputs, 4A total.

EGR – EGRS – EGRSS 1k UPS



Professional UPS rack mountable for power without interruption (ON-LINE), double conversion, input and output voltage 230 V 50/60 Hz single phase, power available 800W / 1 KVA to Cos.phi. 0.8, static switch, RS232 and USB and emergency shutdown EPO fitted as standard, ready to SMNP card or contacts. Equipped with sealed lead batteries inside the UPS itself or in a separate battery pack (see table configuration below).

UPS professionale per installazione in rack cabinet 19", doppia conversione, ingresso e uscite a 230V 50/60 Hz monofase, 800W / 1 KVA con Cos.phi. 0.8, static switch, porte RS-232, USB e interruttore di emergenza EPO, monitoraggio tramite SMNP card e contatti in uscita. Batterie incluse nella prima estensione (3 batt x 9 Ah) o alloggiato in box esterno (vedi tabella seguente).

MODEL	BATTERIES	HEIGHT, WEIGHT
EGR 1K 3x9	Including n.3 batteries 12V 9Ah.	2 UM, 16 Kg
EGRS 1K 6x9	With battery pack, n. 6 batteries 12V 9Ah.	5 UM (2+3), 35kg (11Kg + 24kg)
EGRS 1K 9x9	With battery pack, n. 9 batteries 12V 9Ah	5 UM (2+3), 43kg (11Kg + 32kg)
EGRS 1K 12x9	With battery pack, n. 12 batteries 12V 9Ah	5 UM (2+3), 51kg (11Kg + 40kg)

Italy
Tel.: +39 02 518971
Fax: +39 02 5189730
Email: notifier.milano@notifier.it

UK
Tel: +44 (0) 116 246 2000
Fax: +44 (0) 116 246 2300
hlsuksalesupport@honeywell.com

Spain
Tel: +34 902 03 05 45
Fax: +34 93 465 86 35
Infohlsiberia@honeywell.com

TECHNICAL SPECIFICATION			EGR 1K – EGRS 1K - EGRSS 1K
Certification			0068-CPR-063/2015
Mechanical			Telaio in acciaio montabile a rack
Dimensions WxHxD			482 x 88 x 460
Colour			Nero
Capacity			1000 VA / 800 W
INPUT			
Voltage Range	Low Line Transfer	160VAC /140VAC /120VAC /110VAC ± 5 % or 80VAC /70VAC /60VAC /50VAC ± 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)	
	Low Line Comeback	175 VAC ± 5 % or 85 VAC ± 5 %	
	High Line Transfer	300 VAC ± 5 % or 160 VAC ± 5 %	
	High Line Comeback	290 VAC ± 5 % or 145 VAC ± 5 %	
Frequency Range			40 Hz ~ 70 Hz
Phase			Single phase with ground
Power Factor			≥ 0.95
OUTPUT			
AC Voltage Regulation (Batt. Mode)			± 3%
Frequency Range (Synch.Range)			47.5Hz ~ 52.5 Hz or 57Hz ~ 63 Hz
Frequency Range (Batt. Mode)			50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Current Crest Ratio			3:1
Harmonic Distortion			≤3 % THD (Linear Load), ≤6 % THD (Non-linear Load)
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	4 ms (Typical)	
Waveform (Batt. Mode)			Pure Sinewave
Efficiency AC Mode			~ 85%
Efficiency Battery Mode			~ 83%
BATTERY			
Standard Model	Battery Type	12 V / 9 Ah	
	Numbers 3		
	Typical Recharge Time	4 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A	
	Charging Voltage	41.0 VDC ± 1%	
Model S	Battery Type	Depending on the capacity of external batteries	
	Numbers		
	Charging Current (max.)	8.0 A	
	Charging Voltage	41.0 VDC ± 1%	
Model SS	Battery Type	Depending on the capacity of external batteries	
	Numbers		
	Charging Current (max.)	16.0 A	
	Charging Voltage	41.0 VDC ± 1%	
INDICATORS			
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions		
ALARM			
Battery Mode			Sounding every 4 seconds
Low Battery			Sounding every second
Overload			Sounding twice every second
Fault			Continuously sounding
PHYSICAL			
Rack Case	Standard Model	Dimension, D X W X H (mm)	420x438x88[2U]
		Net Weight (kgs)	16
	Long-run Model (S)	Dimension, D X W X H (mm)	420x438x88[2U]
		Net Weight (kgs)	11
ENVIRONMENT			
Operation Humidity			20-90 % RH @ 0- 40°C (non-condensing)
Noise Level			Less than 45dBA @ 1 Meter

Italy
Tel.: +39 02 518971
Fax: +39 02 5189730
Email: notifier.milano@notifier.it

UK
Tel: +44 (0) 116 246 2000
Fax: +44 (0) 116 246 2300
hlsuksalessupport@honeywell.com

Spain
Tel: +34 902 03 05 45
Fax: +34 93 465 86 35
infohlsiberia@honeywell.com

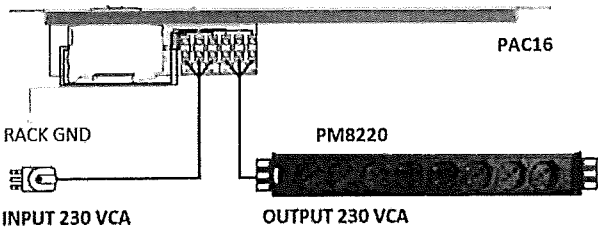
PAC16
16 A breaker



On-off ignition panel with thermal magnetic protection 16A, indicator LED ON/OFF, It occupies one standard 19 " rack unit.

PAC16 Technical Features

LAYOUT	Black painted powder sheet metal. 1 HU rack standard 19"
DIMENSIONS	44 x 482 x 70 mm (H x W x D)
WEIGHT	0,75 Kg
OPERATION / HUMIDITY	-5 ° C ÷ +60 ° C; Humidity 25% -75%
COLOUR	Black
MAX LOAD	16 A



PM8220
Power Multi Socket

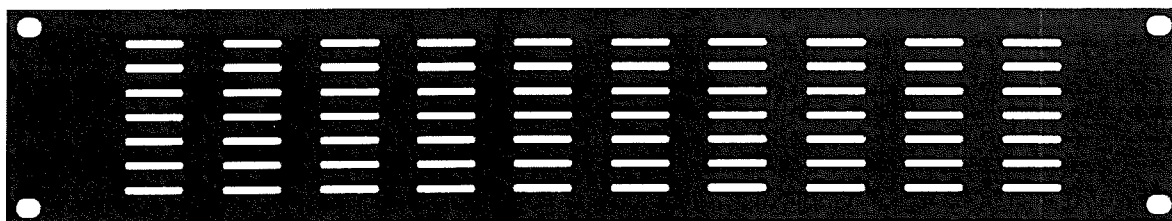


Multiple socket for installation in 19" rack standard, 8 x Schuko socket. Cable length: 1.8 meters.

PM8220 Technical Features

LAYOUT	Multi-sockets metal plate in ABS. 1 HU rack standard 19".
DIMENSIONS	44 x 482 x 65 (H x W x D)
WEIGHT	1,2 Kg
OPERATION / HUMIDITY	-5 ° C ÷ +60 ° C; Humidity 25% -75%
COLOUR	Black
POWER INPUT	230 VAC
POWER OUTPUT	8 x 230 VAC (schuko socket)
MAX LOAD	16 A

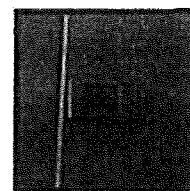
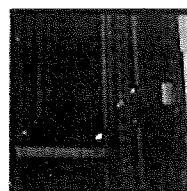
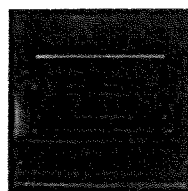
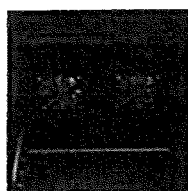
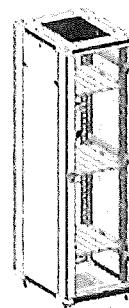
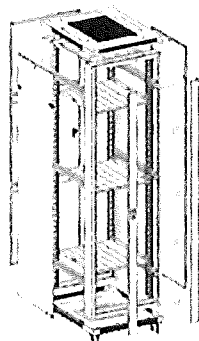
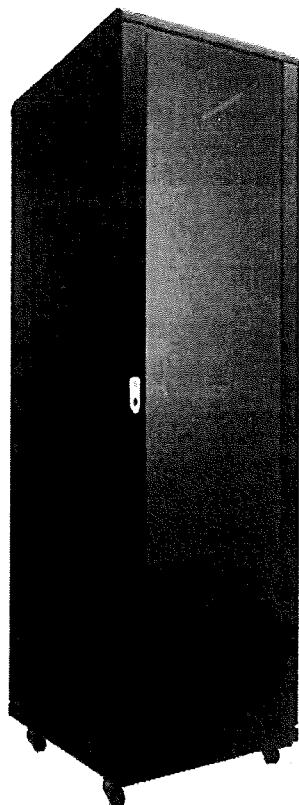
PAR01 / PAR02 – Ventilation panel



1 or 2 modular units vent panel.

TECHNICAL SPECIFICATIONS	PAR01	PAR02
Mechanical structure	Metal	
Dimensions WxHxD	482 x 44 x 10 mm	482 x 88 x 10 mm
Weight	0,316 Kg	0,538 Kg
Color	Black	

Rack 19" - IP 30



Armadio rack standard 19" già assemblato, struttura auto-portante con prese di areazione naturale su tre lati sia del fondo che sul tetto. Certificato EN60529 con grado di protezione IP30 n° RP 2016-0521-00, completo di doppio montante interno con passi foratura a norma IEC 297-1 e IEC 297-2. Pannelli laterali e pannello posteriore a ribalta con chiusura a serratura con cavi di massa a terra e feritoie per areazione naturale. Completo di porta anteriore con vetro trasparente temperato, cerniere a vite, reversibile e apribile a 180° con cavo di massa a terra. Verniciato a polvere nero bucciato opaco, completo di dadi in gabbia con viti nere m5, quattro piedini regolabili e quattro ruote piroettanti. Grado di Protezione: IP30.

SPECIFICHE TECNICHE	RIP3012	RIP3018	RIP3022	RIP3027	RIP3032	RIP3042
Struttura Meccanica	Metallo					
Dimensioni	600x600x635	600x600x900	600x600x1200	600x600x1420	600x600x1610	600x600x2030
Peso	28 Kg	38 Kg	44 Kg	48 Kg	50 Kg	70 Kg
Colore	Satinato opaco nero					

Tutti i dati sono soggetti a cambiamento senza preavviso. Tutti i diritti di questa pubblicazione sono riservati.
Per maggiori informazioni contattare:

Notifier Italia S.r.l.

Via Grandi, 22 20097 San Donato Milanese (MI)

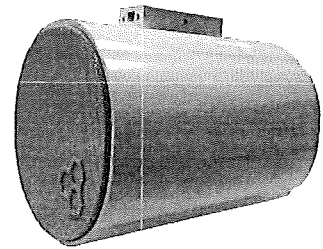
Tel.: 02-51897.1 Fax: 02-51897.30 E-Mail: notifier@notifier.it www.notifier.it



SISTEMA GESTIONE QUALITÀ E AMBIENTE CERTIFICATI
UNI EN ISO 9001:2008 - UNI EN ISO 14001:2004

582475 (L-VBM20A/EN) 20 W Bidirectional Sound Projector

- Intelligible voice and superior sound reproduction
 - Ceiling or wall mount
 - Meets virtually any outdoor requirements
 - Water and dust protected to IP 65
 - Complies with EN 54-24 standard
-



This loudspeaker is a high-performance 20 W voice alarm bidirectional sound projector. It provides a broad frequency response range, low distortion and high sound pressure level for accurate and intelligible broadcast of evacuation messages and high quality sound reproduction. It can be used in indoor, outdoor, dry, or wet applications, providing reliable operations over wide temperature and humidity ranges. Bidirectional loudspeaker is the best choice for applications such as tunnel, gallery and shopping arcade.

This voice alarm bidirectional sound projector complies with BS 5859 part 8 and EN 54 part 24.

Mounting

This bidirectional loudspeaker can be directly installed at ceiling or wall.

Power setting

The product comes with a one meter, fire resistant six core cable already attached to the ceramic connector. The cable is a bundle of wires color coordinated corresponding to the different power taps of the transformer. The cable connector is mounted on the back cover for easy installation.

Technical Specifications

Electrical

Max. power	30 W
Rated power	20 W (10 W x 2)
Power tapping	20 W / 10 W / 15 W / 2.5 W
SPL @ 1 W / 1 m (100 Hz ~ 10 kHz)	87 dB
SPL @ 20 W / 4 m (100 Hz ~ 10 kHz)	87 dB
Frequency range	150 Hz ~ 20 kHz
Rated input voltage	100 V / 70 V
Rated impedance	500 Ω / 1 k Ω / 2 k Ω / 4 k Ω
Connection	Fire resistant cable

Mechanical

Dimensions	Ø 140 mm x 140 mm x 195 mm
Diameter of speakers	5.25 " x 2
Weight	3.23 kg
Color	White (RAL 9003)
Material	Aluminium
IP rating	IP 65

Environmental

Operating temperature	- 25 °C ... + 55 °C
Storage temperature	- 40 °C ... + 70 °C
Relative humidity	< 95 %

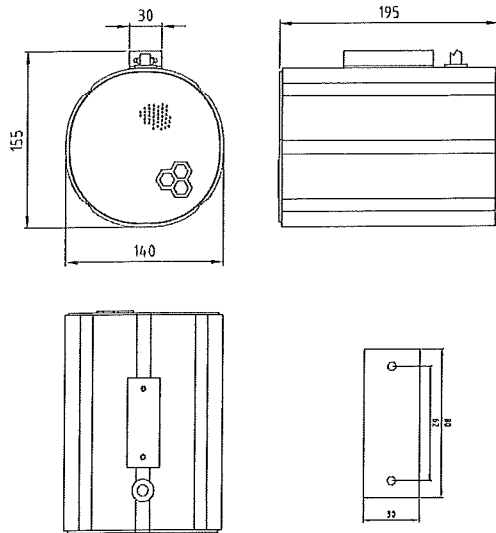
Order Information

Catalog description	20 W bidirectional sound projector
Part number	582475
Type	L-VBM20A/EN
DoP number	CPR-DoP-2013003

Additional order information can be found in the product catalog "VAPA System VARIODYN D1".

- * The reference axis is perpendicular to the centre point of the front grille
- * The reference plane is perpendicular to the centre of the reference axis
- * The horizontal plane is perpendicular to the centre of the reference plane
- * The spec/data was measured using a standard baffle mounting in an anechoic chamber as described in EN 54-24

Diagram



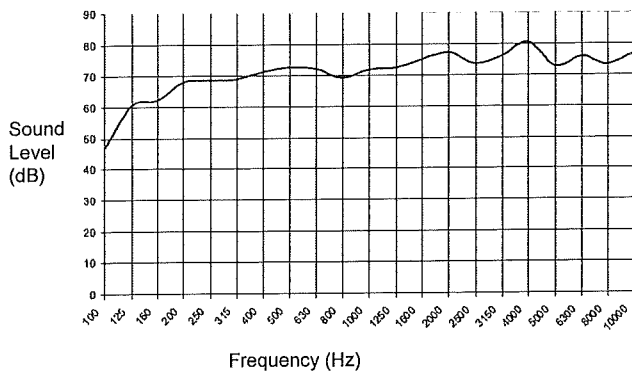
Dimensions in mm

With Transformer: 100 V / 70 V line

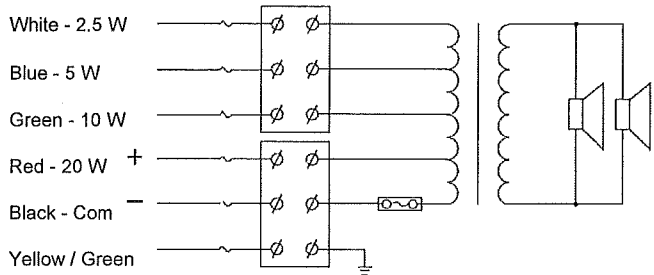
	Red	Green	Blue	White	Black
100 V	20 W	10 W	5 W	2.5 W	Com
70 V	10 W	5 W	2.5 W	1.25 W	Com
IMP (Ω)	500	1 K	2 K	4 K	

Frequency Response

Frequency response at 100 V / 4 m / 1/3 oct. smoothing



Circuit Diagram



Dispersion Angles

		Horizontal	Vertical
1 oct. pink noise	500 Hz	128 °	127 °
1 oct. pink noise	1 kHz	161 °	162 °
1 oct. pink noise	2 kHz	148 °	111 °
1 oct. pink noise	4 kHz	59 °	56 °

Pulsanti Convenzionali

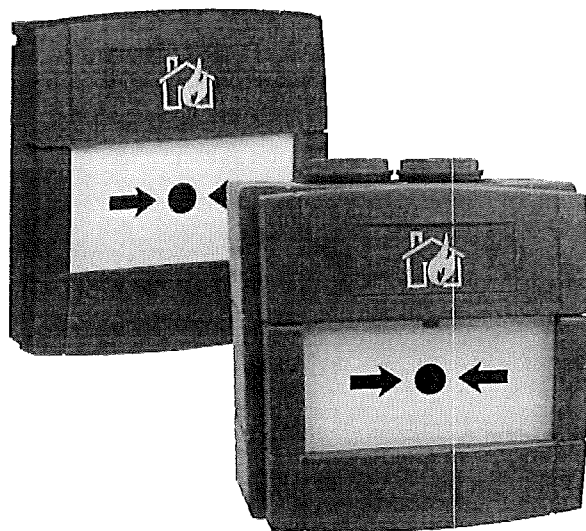
Descrizione

I pulsanti convenzionali si distinguono per la facilità d'installazione, flessibilità e piena conformità con i più recenti standard. I costi e i tempi d'installazione sono di fondamentale importanza in ogni impianto antincendio, per questo sono stati progettati utilizzando una speciale morsettiera estraibile che permette l'utilizzo "plug and play", riducendo notevolmente i tempi d'installazione.

I pulsanti sono disponibili in diverse versioni, provvisti di membrana riarmabile oppure a rottura vetro, in diversi colori, sia esterno che ADPE. I pulsanti di allarme per applicazioni in impianti di rivelazione incendio sono certificati CPD secondo la EN 54.11.

Questi contribuiscono a preservare l'integrità del sistema, in caso di rimozione non autorizzata della copertura del pulsante verrà generato uno stato d'allarme.

Le nuove serie di pulsanti da interno ed esterno IP67 sono dotati di un contatto normalmente aperto ed uno normalmente chiuso.



> Caratteristiche Principali

- Facile utilizzo;
- LED di stato; tramite questa spia è possibile monitorare i diversi stati
- Morsettiera ad innesto che ne facilita il cablaggio.
- Semplice manovra di test; inserendo l'apposita chiave, il vetro si abbassa mettendo in condizione d'allarme il pulsante.
- Vetrino di rottura provvisto di pellicola di protezione.
- Membrana riarmabile.
- Possibilità di montaggio ad incasso o a muro. La base è già in dotazione assieme al pulsante.

> Applicazioni

Può essere utilizzato per applicazioni di tipo commerciale, industriale e residenziale. Viene utilizzato come stazione di intervento manuale in caso di incendio. Viene generalmente installato all'esterno delle porte in modo da poter essere utilizzato in caso di evacuazione dal locale.



SERIE M3A

Questa serie di pulsanti è disponibile nei colori rosso, giallo e blu a rottura vetro e rosso con membrana riarmabile.

CARATTERISTICHE ELETTRICHE

Sezione cavi ammessa: 0.5+2.5mmq

Tensione ammessa: 30Vcc

Portata contatti: 2A

CARATTERISTICHE AMBIENTALI

Umidità: 0÷95% senza condensa

Temp. funzionamento: -10°÷ 55°C

Temp. stoccaggio: -10°÷ 55°C

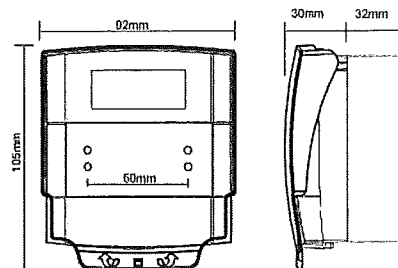
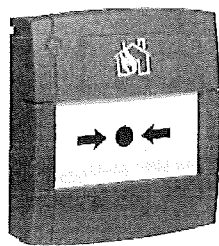
Grado di protezione: IP24D

CARATTERISTICHE MECCANICHE

Materiale: PC/ABS

Peso: 110g + 50g base

Colori: rosso, giallo, blu



SERIE W3A

Il grado di protezione IP67 permette l'installazione del dispositivo in ambienti dove acqua e detriti rischiano di compromettere il corretto funzionamento del pulsante. I pulsanti sono disponibili nella versione a rottura vetro e nella versione provvista di membrana riarmabile. In più i pulsanti vengono forniti con tre predisposizioni standard per ingresso cavi da 20mm.

CARATTERISTICHE ELETTRICHE

Sezione cavi ammessa: 0.5+2.5mmq

Tensione ammessa: 30Vcc

Portata contatti: 2A

CARATTERISTICHE AMBIENTALI

Umidità: 0÷95% senza condensa

Temp. funzionamento: -30°÷70°C

Temp. stoccaggio: -30°÷70°C

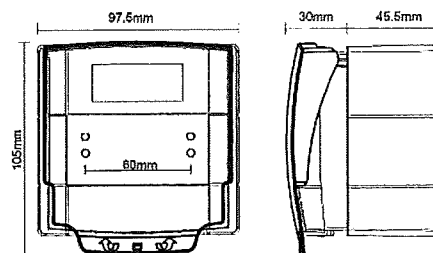
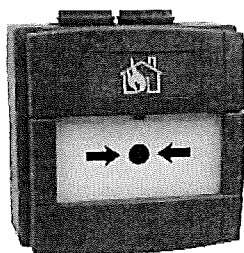
Grado di protezione: IP67

CARATTERISTICHE MECCANICHE

Materiale: PC/ABS

Peso: 240g

Colore: rosso RAL3001



BG14ADPE

L'azionamento del pulsante EEx-d è manuale ed avviene dopo la rottura del vetro con l'apposito martelletto (in dotazione). È inoltre possibile impostare l'azionamento automatico alla rottura del vetro. Il pulsante ha un doppio contatto ON/OFF interno, trasformabile in unico contatto in scambio.

CARATTERISTICHE ELETTRICHE

Tensione ammessa: 690V

Portata contatti: 10A

CARATTERISTICHE AMBIENTALI

Temp. Funzionamento: 85°C

Grado di protezione: IP65

CARATTERISTICHE MECCANICHE

Contenitore: antideflagrante in alluminio pressofuso

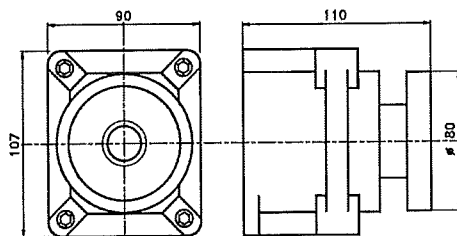
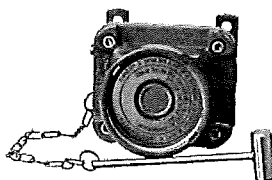
Peso: 1100g

Colore: verniciatura epossidica rosso RAL 7000

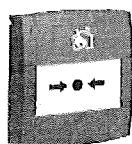
Ingresso cavi: 2x3/4 gas

Classificazione e certificazione

Exd IIB+H2 T6, ExtD A21 IIB+H2 T6

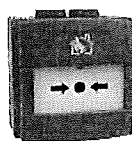


Modelli Disponibili



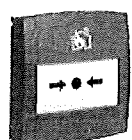
M3A-R000SG-K013-01

Pulsante manuale convenzionale da interno a rottura vetro. Completo di scatola di montaggio.



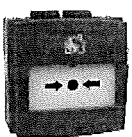
W3A-R000SG-K013-01

Pulsante manuale convenzionale per esterno IP67 a rottura vetro ad uno scambio. Completo di supporto di montaggio.



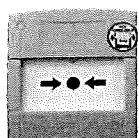
M3A-R000SF-STCK-01

Pulsante manuale convenzionale da interno con membrana riarmabile ad uno scambio. Completo di scatola di montaggio.



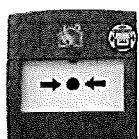
W3A-R000SF-K013-01

Pulsante manuale convenzionale per esterno IP67 con membrana riarmabile ad uno scambio. Completo di scatola di montaggio.



MCP3A-Y000SG-11

Pulsante manuale convenzionale da interno a rottura vetro, Colore Giallo. Completo di scatola di montaggio.



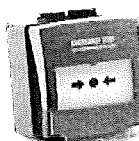
MCP3A-B000SG-11

Pulsante manuale convenzionale da interno a rottura vetro ad uno scambio. Colore Blu. Completo di scatola di montaggio.



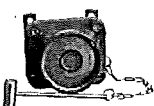
W3A-Y000SG-K013-14

Pulsante manuale convenzionale da esterno a rottura vetro, Colore Giallo. IP67. Completo di scatola di montaggio.



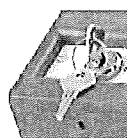
W3A-B000SG-K013-11

Pulsante manuale convenzionale da esterno a rottura vetro, colore Blu. IP67. Completo di scatola di montaggio.



B14ADPE

Pulsante manuale convenzionale adatto all'installazione in aree classificate.



K21SBS-11

Comando a chiave da parete, 2 posizioni. Con scatola di montaggio a parete. Colore blu.

Accessori

PS210

Membrana riarmabile.



SUS758

Confezione di 10 vetrini con scritte neutre per pulsanti manuali.



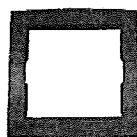
PS200

Copertura plastica.



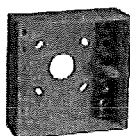
M700K-503

Cornice e adattatore per scatole incasso B503. Confezione da 10 pz e una livella a bolla.



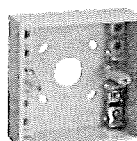
SR1T

Supporto di montaggio di ricambio, colore rosso.



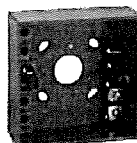
PS174W

Supporto di montaggio di ricambio, colore giallo.



PS176W

Supporto di montaggio di ricambio, colore blu.



 **NOTIFIER®**
by Honeywell

Notifier Italia S.r.l.
Via Achille Grandi 22
20097 San Donato
Milanese (MI)
Italia

Tel.: +39 02 51 89 71
Fax: +39 02 51 89 730
E-Mail: notifier.milano@notifier.it
www.notifier.it