

ETH20MD/4/32 104 Db 1 mt.

Ex db IIB+H2 Gb Ex tb IIIC Db II2GD
or
Ex db IIC Gb Ex tb IIIC Db II2GD

T5
T100°C



-20°C



+40°C

SOUNDER/HORNS EXPLOSION PROOF
32 TONE SELECTABLE

zone 1

zone 2

DIRECTIVE 2014/34/UE

T6
T85°C



-20°C



+60°C

SIRENA ELETTRONICA ANTIDEFLAGRANTE
32 SUONI SELEZIONABILI

zone 21

zone 22



IP66

Caratteristiche:

Sirena elettronica a basso consumo energetico. Certificato ATEX a nuova normativa EN60079. I segnalatori acustici serie ETH sono impiegati in ambienti dove è necessario l'utilizzo di una segnalazione di allarme e dove è presente una potenziale atmosfera esplosiva. Le sirene serie ETH sono multifunzione e permettono di avvisare in caso di pericolo e in caso di evacuazione per la presenza di un incendio grazie a 32 differenti suoni selezionabili

Features:

Electronic Sounder low current consumption built. Certification ATEX with new standard EN60079. ETH series sirens are used in environments where a warning system is needed and where the atmosphere is potentially explosive. ETH sirens are multi-functional. The 32 different types of sound can be programmed to provide warning in the event of danger or evacuation in the case of fire.

Materiali:

Costruita in alluminio a basso contenuto di rame, provvista di circuito elettronico di modulazione ed unità di risonanza. Il suono è amplificato da una tromba esterna di tipo esponenziale in alluminio (a richiesta ACCIAIO INOX 316).

Materials:

Built in low copper content aluminium alloy, supplied with electronic modular circuit and resonance unit. The sound is amplified by an external exponential aluminium trumpet (on request STAINLESS STEEL 316).

**EN 60079-0 :2012/A11:2013 EN 60079-1 :2014 EN 60079-31 :2014
NEW DIRECTIVE 2014/34/UE**



PESO / WEIGHT
3.8Kg

PROTEZIONE / PROTECTION
IP66

MONTAGGIO / MOUNTING
STAFFA DI FISSAGGIO
MOUNTING BRACKET

SERVIZIO / SERVICE
CONTINUO
CONTINUOUS

ACCESSORI
A RICHIESTA

ACCESSORIES
ON REQUEST

**32 SUONI SELEZIONABILI
32 TONE SELECTABLE**

No. of stages 3

Includes an integral volume control which is ideal when a lower output is required.

Controllo del volume integrato che è l'ideale quando è richiesta una potenza inferiore.

STAFFA DI FISSAGGIO
ACCIAIO INOX 316

MOUNTING BRACKET
STAINLESS STEEL 316

TROMBA ESTERNA
ACCIAIO INOX 316

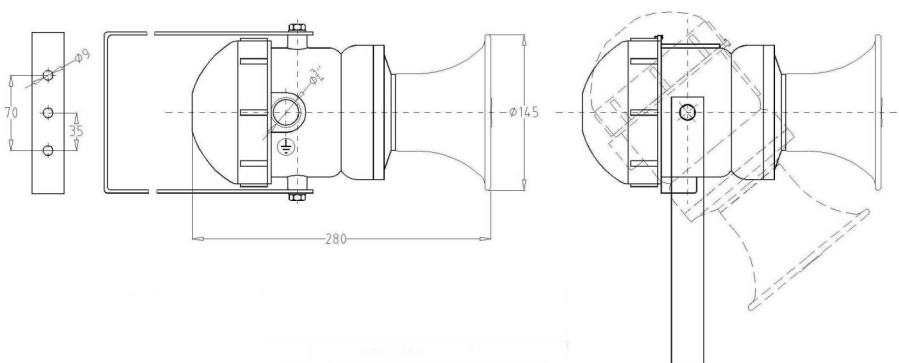
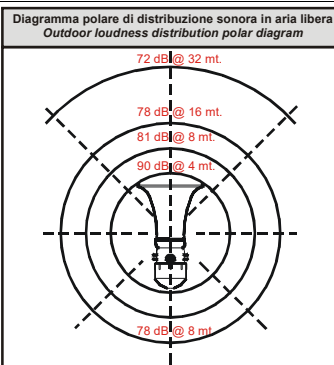
TRUMPET EXTERNAL
STAINLESS STEEL 316

VERNICIATURA EPOSSIDICA
GIALLO - BLU
GRIGIO - NERO

EPOXY COATING
YELLOW - BLUE
GREY - BLACK

Specifica tecnica / Technical specification

CODICE / CODE: 32	ETH20MD/4/32/24	ETH20MD/4/32/48AC	ETH20MD/4/32/48DC	ETH20MD/4/32/115AC	ETH20MD/4/32/115DC	ETH20MD/4/32/230
Tensione / Voltage	24VAC/DC	48VAC	48VDC	115VAC	115VDC	230VAC
Corrente / Rated current	0,220A a 24V AC/DC					
Temperatura ambiente / Working temperature	T6: -20°C (-40°C) +40°C			T5: -20°C (-40°C) +60°C		
Colore / Color	EPOXY COATING RED RAL3000 - OTHER COLOR ON REQUEST					
Livello sonoro / Sound power	104 dB - 1 mt					
Imbocco / Cable entry	3/4"					
Dimensioni / Dimensions	Vedere dettagli / See detail					



Tone N°

DIP SWITCH

DIP1 DIP2 DIP3 DIP4 DIP5

Tone N°	DIP1	DIP2	DIP3	DIP4	DIP5
1	0	0	0	0	0
2	1	0	0	0	0
3	0	1	0	0	0
4	1	1	0	0	0
5	0	0	1	0	0
6	1	0	1	0	0
7	0	1	1	0	0
8	1	1	1	0	0
9	0	0	0	1	0
10	1	0	0	1	0
11	0	1	0	1	0
12	1	1	0	1	0
13	0	0	1	1	0
14	1	0	1	1	0
15	0	1	1	1	0
16	1	1	1	1	0
17	0	0	0	0	1
18	1	0	0	0	1
19	0	1	0	0	1
20	1	1	0	0	1
21	0	0	1	0	1
22	1	0	1	0	1
23	0	1	1	0	1
24	1	1	1	0	1
25	0	0	0	1	1
26	1	0	0	1	1
27	0	1	0	1	1
28	1	1	0	1	1
29	0	0	1	1	1
30	1	0	1	1	1
31	0	1	1	1	1
32	1	1	1	1	1

TABELLA TONI TONE TABLE

STAGE 1

Description

Tone	Description
T 1	Continuous 1000Hz Toxic Gas Alarm
T 2	Alternating 800/1000Hz at 0.25s intervals
T 3	Slow Whoop 500/12 00Hz at 0.3Hz with 0.5s gap repeated
T 4	Sweeping 800/1000 at 1Hz
T 5	Continuous at 2400Hz
T 6	Sweeping 2400/2900Hz at 7Hz
T 7	Sweeping 2400/2900Hz at 1Hz
T 8	Siren 500/1200/500Hz at 0.3Hz
T 9	Sawtooth 1200/500Hz at 1Hz
T 10	Alternating 2400/2 900Hz at 2 Hz
T 11	Intermittent 1000Hz at 0.5Hz General alarm
T 12	Alternating 800/1000Hz at 0.875Hz
T 13	Intermittent 2400Hz at 1Hz
T 14	Intermittent 800Hz 0.25s on 1s off
T 15	Continuous at 800Hz
T 16	Intermittent 660Hz 150mS on, 150mS off
T 17	Alternating 544Hz (100mS)/440Hz(400mS)
T 18	Intermittent 660Hz 1.8s on, 1.8s off
T 19	1400Hz to 1600Hz sweep up over 1s
T 20	1600Hz to 1400Hz sweep down over 0,5s
T 20	Continuous 660Hz
T 21	Alternating 554/440Hz at 1Hz
T 22	Intermittent 554Hz at 0.875Hz
T 23	800Hz pulsing at 2 Hz
T 24	Sweeping 800/1000Hz at 50Hz
T 25	Sweeping 2400/2900Hz at 50Hz
T 26	Simulated bell sound
T 27	Continuous 554Hz
T 28	Continuous 440Hz
T 29	Sweeping 800/1000Hz at 7Hz
T 30	420Hz repeating 0.62 5s on, 0.625s off Australian alert signal
T 31	1200/500Hz at 1 Hz Prepare to Abandon Platform
T 32	Sweeping 500/1200Hz 3.75s on, 0.25s off 15Hz

STAGE 2

STAGE 3

Tone	Description
T 31	Continuous 1000Hz Toxic Gas Alarm
T 17	Alternating 800/1000Hz at 0.25s intervals
T 2	Slow Whoop 500/12 00Hz at 0.3Hz with 0.5s gap repeated
T 6	Sweeping 800/1000 at 1Hz
T 3	Continuous at 2400Hz
T 7	Sweeping 2400/2900Hz at 7Hz
T 10	Sweeping 2400/2900Hz at 1Hz
T 2	Siren 500/1200/500Hz at 0.3Hz
T 15	Sawtooth 1200/500Hz at 1Hz
T 7	Alternating 2400/2 900Hz at 2 Hz
T 31	Intermittent 1000Hz at 0.5Hz General alarm
T 4	Alternating 800/1000Hz at 0.875Hz
T 15	Intermittent 2400Hz at 1Hz
T 4	Intermittent 800Hz 0.25s on 1s off
T 2	Continuous at 800Hz
T 18	Intermittent 660Hz 150mS on, 150mS off
T 2	Alternating 544Hz (100mS)/440Hz(400mS)
T 2	Intermittent 660Hz 1.8s on, 1.8s off
T 5	1400Hz to 1600Hz sweep up over 1s
T 5	1600Hz to 1400Hz sweep down over 0,5s
T 5	Continuous 660Hz
T 5	Alternating 554/440Hz at 1Hz
T 5	Intermittent 554Hz at 0.875Hz
T 5	800Hz pulsing at 2 Hz
T 5	Sweeping 800/1000Hz at 50Hz
T 5	Sweeping 2400/2900Hz at 50Hz
T 5	Simulated bell sound
T 1	Continuous 554Hz
T 5	Continuous 440Hz
T 5	Sweeping 800/1000Hz at 7Hz
T 5	420Hz repeating 0.62 5s on, 0.625s off Australian alert signal
T 1	1200/500Hz at 1 Hz Prepare to Abandon Platform
T 1	Sweeping 500/1200Hz 3.75s on, 0.25s off 15Hz