

ETS

- Zones 1, 2, 21, 22
- Ex d protection
- Max. 114 dB



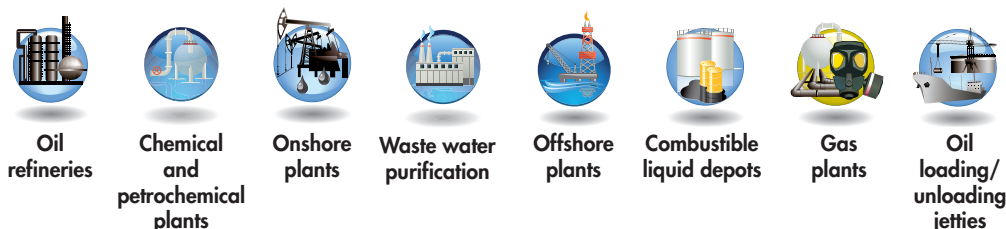
Chrome coloured ABS plastic protection



ETS series Rotating electromechanical siren

ETS electromechanical sirens are used in potentially explosive environments such as oil refineries and chemical and petrochemical plants or in areas where flammable dusts or substances are present. Given the high level of sound they emit, they are used outdoors in industrial environments where there is significant background noise. They are used for different applications such as fire alarms, safety alarms, for emergencies and to signal plant evacuation and intrusion.

Application sectors:



CERTIFICATION DATA

Classification:

Group

Category 2GD

Installation: EN 60079.14

zone 1 - zone 2 (Gas)

zone 21 - zone 22 (Dust)

Marking:

CE Ex II 2 GD Ex d IIC T6 Ex tD A21 IP65

Certification:

ATEX INERIS 02 ATEX 0001

Standards:

CENELEC EN 60079-0: 2006, EN 60079-1: 2004, EN 61241-0: 2006, EN 61241-1: 2004 and EUROPEAN DIRECTIVE 2014/34/UE

Class temperature:

85°C (T6)

Ambient temperature:

-20°C +40°C

Degree of protection:

IP65



MECHANICAL FEATURES

Body and cover:	Low copper content aluminium alloy
Protection:	Chrome coloured AaaaBS plastic
Gasket:	Acid, hydrocarbon and high temperature resistant silicone
Bolts and screws:	Stainless steel
Mounting:	Direct to 3/4" entry or with mounting bracket (available on request)
Entries:	1 x 3/4" Rc UNI ISO 7/1
Coating:	Epoxy vinyl coating Ral 7000 (squirrel grey)

ELECTRICAL FEATURES

ETS60/109 signaller

Rated voltage:	Vac/dc $\pm 10\%$	12	24	48	110	230
Frequency:	Hz	50/60	50/60	50/60	50/60	50/60
Current:	A	10,6	6,1	3,4	1,1	0,6
Operation:	Intermittent					

ETS60/114 signaller

Rated voltage:	Vac/dc $\pm 10\%$	12	24	115	230
Frequency:	Hz	50/60	50/60	50/60	50/60
Current:	A	11,5	5,9	1,6	0,9
Operation:	Intermittent				

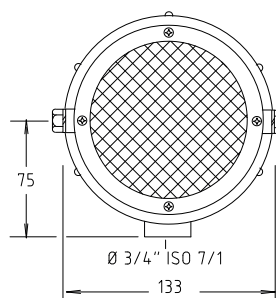
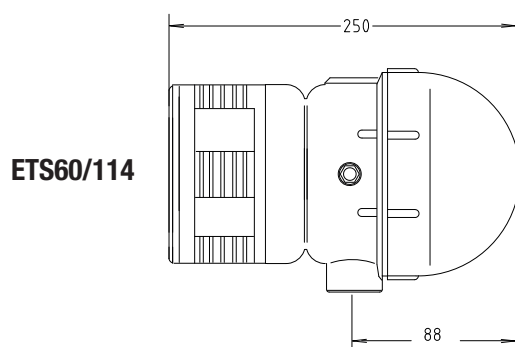
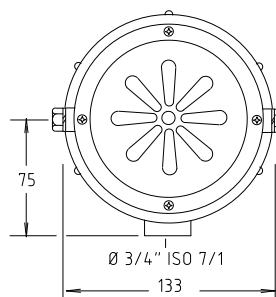
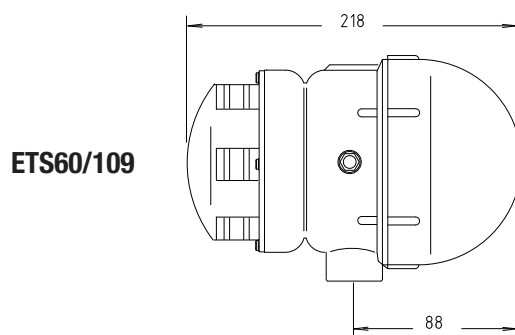
ACCESSORIES AVAILABLE / SPECIAL REQUESTS

Cable gland: NEVB2B for armoured cable or NAVB2B for non-armoured cable
Adjustable support bracket
Epoxy vinyl coating in different colours
NPT or ISO M25 threads
Different rated voltages

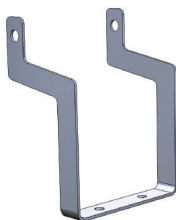
ETS series selection chart

Code	Intermittent operation	Voltage	Sound level		Weight kg	 mm
			Frequency	Db/m		
ETS60/109DB12V	2 Min. ON / 5 Min. OFF	12 V Ac/Dc	1150 Hz	109	2,8	230x140x140
ETS60/109DB24V	2 Min. ON / 5 Min. OFF	24 V Ac/Dc	1250 Hz	109	2,8	230x140x140
ETS60/109DB48V	2 Min. ON / 5 Min. OFF	48 V Ac/Dc	1300 Hz	109	2,8	230x140x140
ETS60/109DB115V	2 Min. ON / 5 Min. OFF	110 V Ac	1300 Hz	109	2,8	230x140x140
ETS60/109DB230V	2 Min. ON / 5 Min. OFF	230 V Ac	1300 Hz	109	2,8	230x140x140
ETS60/114DB12V	2 Min. ON / 5 Min. OFF	12 V Ac/Dc	650 Hz	114	3,4	260x140x140
ETS60/114DB24V	2 Min. ON / 5 Min. OFF	24 V Ac/Dc	650 Hz	114	3,4	260x140x140
ETS60/114DB115V	2 Min. ON / 5 Min. OFF	115 V Ac	650 Hz	114	3,4	260x140x140
ETS60/114DB230V	2 Min. ON / 5 Min. OFF	230 V Ac	650 Hz	114	3,4	260x140x140

DIMENSIONAL DRAWINGS



Dimensions in mm

ILLUSTRATION	DESCRIPTION	MODEL	FEATURES	CODE	KEY
	Adjustable support bracket	ETS60/109...	Material: galvanised steel	K-340	 
		ETS60/114...		K-340/1	
	Cable gland		For cable gland models and codes see www.cortemgroup.com	NAVB2B NEVB2B	 