

Lighting: Signaling Products

SI - KL Series: Audio Signaling Devices – Flameproof



Siren



Horn

Compliance Data:

ATEX - IEC:



Siren – SI Series:

Zone 1 & 2	ATEX	II 2 G	IEC	CE
Ex d IIC	T6 or T5			IP55 - IK10

Horn – KL Series:

Zone 1 & 2	ATEX	II 2 G	IEC	CE
Ex d IIB	T6			IP55 - IK10

Operating Temperatures:

SI : -40°C to +55°C
KL : -20°C to +40°C

Lighting: Signaling Products

SI - KL Series: Audio Signaling Devices – Flameproof

Zone 1 & 2
 II 2 G
 ATEX / IEC
 IP55 - IK10

Applications:

- Audio alarm to signal an evacuation due to fire, gas or other dangers.

Features:

- Siren Ex d IIC Series SI:
- High performance siren.
 - Flameproof enclosure.
 - Operation:
 - Operating cycle: 5 minute maximum
 - Pause cycle: 15 minute minimum
 - Maximum 5 consecutive cycles
 - Predicts temporary pause cycles
 - One M20 bottom cable entry.

- Interior/exterior ground/earth M4 screw.
- Horn Ex d IIB series KL:
 - Klaxon type warning horn
 - Flameproof enclosure
 - Operation:
 - Operating cycle: 5 minutes maximum
 - Pause cycle: 15 minutes minimum
 - Maximum 5 consecutive cycles
 - Predicts temporary pause cycles
 - One M20 bottom cable entry.
 - M6 earth stud.

Standard Material of Fixtures:

- SI and KL Series:
- Marine grade aluminum enclosure painted gray.

Catalog Number Logic:

SI/KL	XXX	X
Series: SI = Siren KL = Horn	Voltage: 02D = 24 Vdc 02A = 24 Vac 04D = 48 Vdc 04A = 48 Vac 11A = 110 Vac 23A = 220-230 Vac	Option: E = Electronic

Ordering Information:

Series	Voltage	Frequency	Sound Volume at 2m	Sound Frequency (Hz)	Rating (A)	Weight (kg)	Volume (dm ³)	Catalog Number	Old Catalog Number	Pack
SI	24 Vdc	0 Hz	104 dB mini	1500	2.6	5.2	13	SI02D	095110	1
SI	220 / 230 Vac	50 Hz	116 dB mini	1500	0.8	5.2	13	SI23A	095111	1
KL	24 Vdc	0 Hz	80 dB mini	420	0.75	5.2	13	KL02D	095108	1
KL	24 Vac	50/60 Hz	80 dB mini	420	0.75	5.2	13	KL02A	095109	1
KL	48 Vdc	0 Hz	80 dB mini	420	0.75	5.2	13	KL04D	-	1
KL	48 Vac	50 Hz	80 dB mini	420	0.75	5.2	13	KL04A	-	1
KL	110 Vac	50/60 Hz	80 dB mini	420	0.13	5.2	13	KL11A	-	1
KL	220 / 230 Vac	50/60 Hz	80 dB mini	420	0.13	5.2	13	KL23A	095113	1

Compliances:

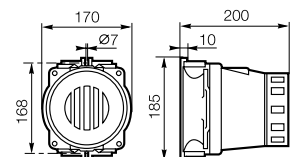
Hazardous Areas	Gas	
	Certified Type	SIR1
Zones	1 – 2	1 – 2
Conforming to ATEX 94/9/CE	CE 0081 II 2 G	CE 0081 II 2 G
Symbol of Protection ATEX	Ex d IIC	Ex d IIB
Symbol of Protection IEC		
T Rating	T6 for Ta ≤ 40°C T5 for Ta > 40°C	T6
Surface Temperature	N.A.	NA
Ambient Temperature	-40°C to +55°C	-20°C to +40°C
CE Declaration of Conformity	50253	50216
ATEX Certificate	LCIE 03 ATEX 6081	LCIE 00 ATEX 6018
IEC Certificate	LCIE Ex 03.015	LCIE Ex 00.013
Other Certifications	-	-
Index of Protection (solid & liquid)	IP55	IP55
Impact Resistance (shock)	IK10	IK10
Internal Volume	≤ 2 dm ³ (2 liters)	> 2 dm ³ (2 liters)

Standards:

Ex Standards	EN / IEC 60079-0; 60079-1
Product Standards	-
EMC Standards	EN / IEC 55015; 61547
Other Standards	EN / IEC 60529 (IP); 62262 (IK)

Dimensions (mm):

Siren SI



Horn KL

