



interKing

Fire Alarm Equipment



INTERKING ENTERPRISES LTD.

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Fire Alarm Equipment

Characteristics

The high-quality fire alarm equipment can inform the staff on the job site to evacuate immediately when fire occurs. The whole products are approved by Chinese Fire Protection Safety Center (CFS) and CNS, and suitable for Zone 1 and Zone 21 hazardous areas.

PBL

P: Explosion-proof Fire Alarm Call Point (KDS1L1)

- Explosion-proof, outdoor type, with locking device and indicator light
- Aluminum alloy enclosure, red powder coated, corrosion-resistant, impact-resistant
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db

B: Explosion-proof Fire Alarm Sounder (TW81F)

- Explosion-proof, outdoor type, electronic
- Red GRP enclosure, corrosion-resistant, impact-resistant
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db

L: Explosion-proof Fire Alarm Indicator Light (KDP0F1)

- Explosion-proof, outdoor type, LED light
- Aluminum alloy enclosure, red powder coated, corrosion-resistant, impact-resistant
- Red ABS cover
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db

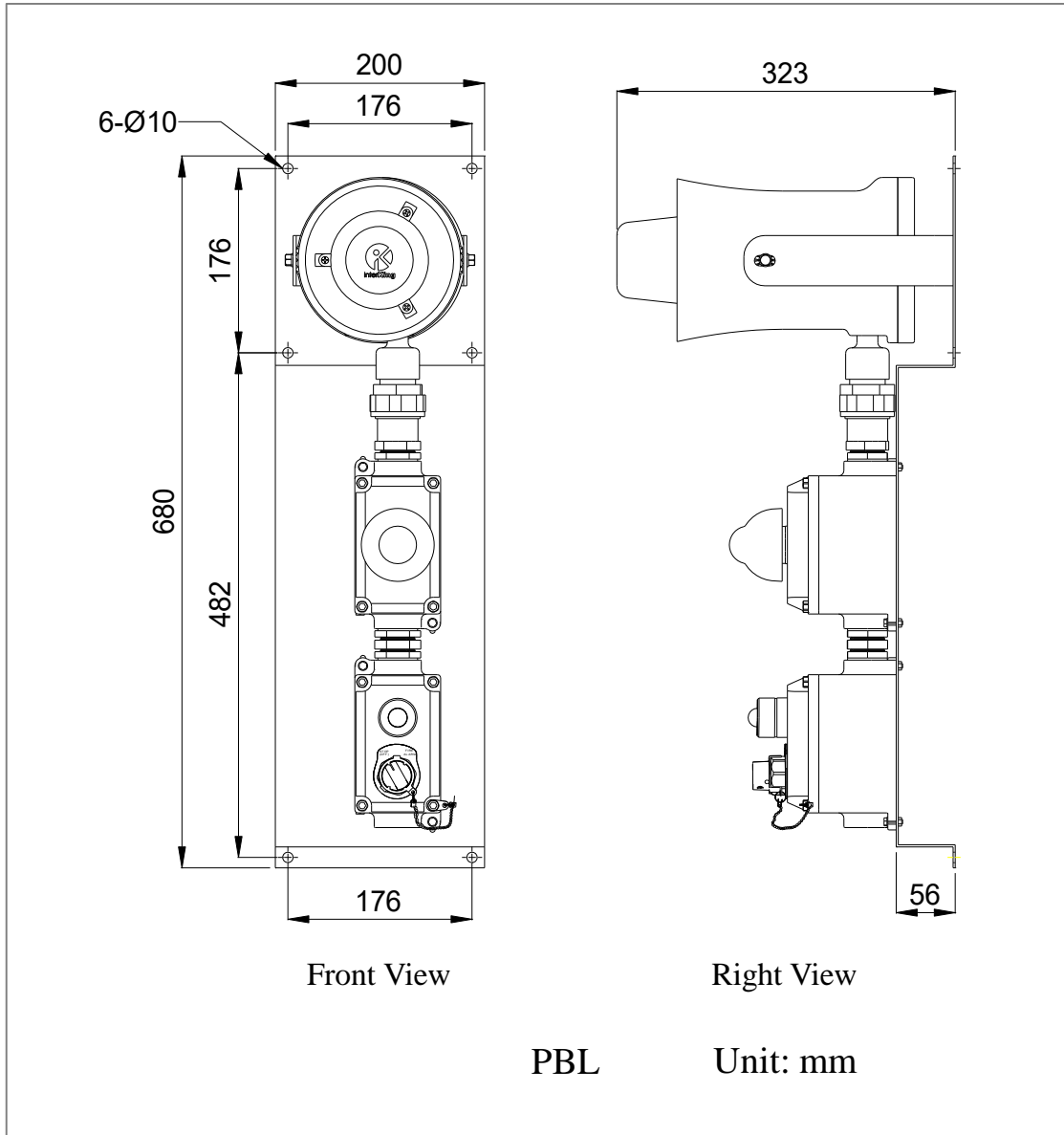
Explosion-proof High Voltage Speaker (TW81T)

- Applied in Public Address System and Emergency Communications System (70/100 VAC)
- GRP enclosure, impact-resistant, corrosion-resistant, IP66 rated
- Stainless steel mounting bracket and anti-loose cover screws
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db
- IECEx / ATEX certified, Ex db IIC T6 or T5 Gb , Ex tb IIIC T80°C Db



Fire Alarm Equipment

Installation Drawing



Explosion-proof Fire Alarm Call Point

MODEL

KDS1L1

Characteristics



KDS1L1

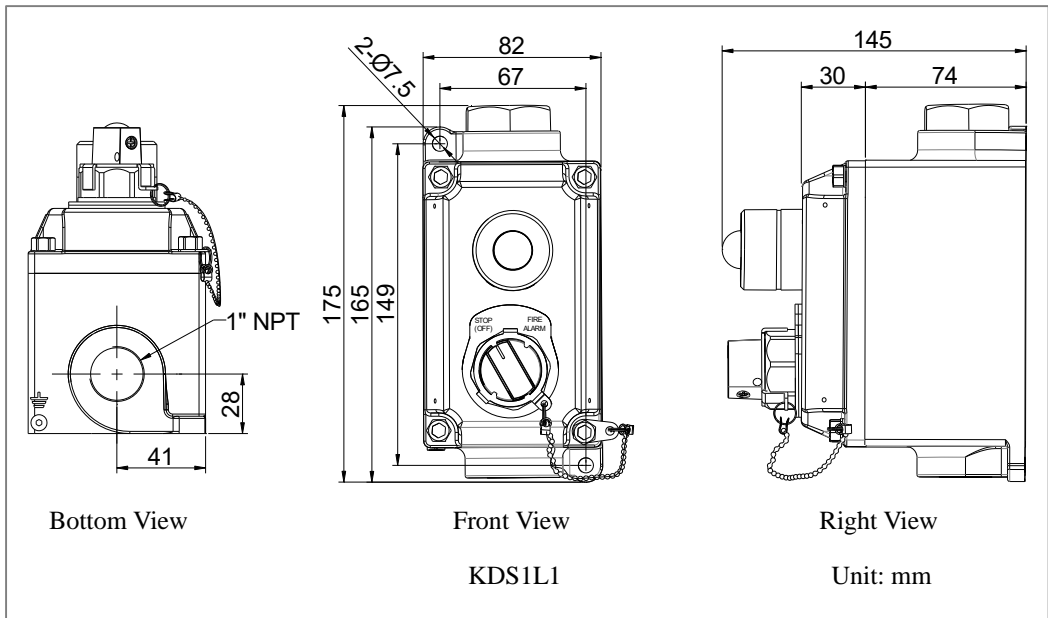
- Explosion-proof, outdoor type, with locking device and indicator light
- Aluminum alloy enclosure, red powder coated, corrosion-resistant, impact-resistant, IP65 rated
- Stainless steel components; contact: NC+NO, current: 10A
- 2-position selector switch, marking: STOP(OFF) – FIRE ALARM
- Red LED indicator light, rated voltage / rated current: 24 Vdc / 12.2 mA
- Cable entry: 1" NPT x 1 or 3/4" NPT x 1
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db
- CFS type approval: P-A106005

MODEL

KDS1L1

Specifications

Model		KDS1L1
Indicator Light	Rated Voltage	24 Vdc
	Rated Current	12.2 mA
Material	Construction	Aluminum alloy; red
	Components	Stainless steel
Environment	IP Degree	IP65
	Certification	CNS: Ex d IIB+H ₂ T6 Gb / Ex tb IIIC T85°C Db
	Ambient Temperature	-20°C ~ +40°C
Packing	Dimensions	190(L) x 105(W) x 180(H) mm
	Weight	2.5 kg



Explosion-proof Fire Alarm Sounder

MODEL

TW81F

Characteristics



TW81F

- Explosion-proof, outdoor type, electronic
- Red GRP enclosure, corrosion-resistant, impact-resistant, IP65 rated
- Stainless steel mounting bracket and anti-loose cover screws
- Voice playing by activating alarm via power
- Sound pressure level: 95 dB
- Rated voltage / rated current: 24 Vdc / 420 mA
- Cable entry: 1/2" NPT x 2
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db
- CFS type approval: B-A107001

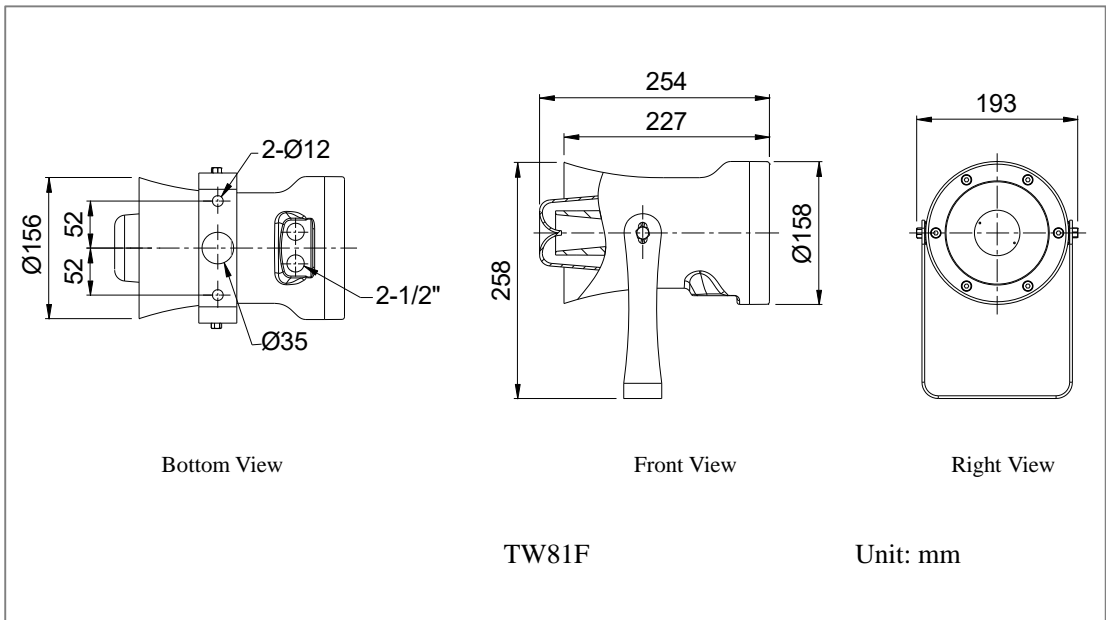
TW81F
Explosion-proof Fire Alarm Sounder

MODEL

TW81F

Specifications

Model		TW81F
Power	Rated Voltage	24 Vdc
	Rated Current	420 mA
	Power Consumption	Zero signal: 1.44W, max signal: 15W
Speaker Amplifier	Output	BTL Class AB, 15W/16Ω
	Frequency Response	250 ~ 10,000 Hz, +/-1.5dB reference to 1K Hz
	Distortion	1.0% Max. THD @ 1,000 Hz 9W
	Input Impedance	50,000Ω, nominal
	Output Impedance	16Ω
	Input Sound Source	Audio input
SPL	95 dB	
Material	Construction	Glass reinforced plastic (GRP); red
	Bracket	Stainless steel; red
	Cover Screws	Stainless steel; anti-loose design
Environment	IP Degree	IP65
	Certification	CNS: Ex d IIB+H ₂ T6 Gb / Ex tb IIIC T85°C Db
	Ambient Temperature	-20°C ~ +40°C
Packing	Dimensions	240(L) x 245(W) x 405(H) mm
	Weight	5 kg



Explosion-proof Fire Alarm Indicator Light

MODEL

KDP0F1

Characteristics



KDP0F1

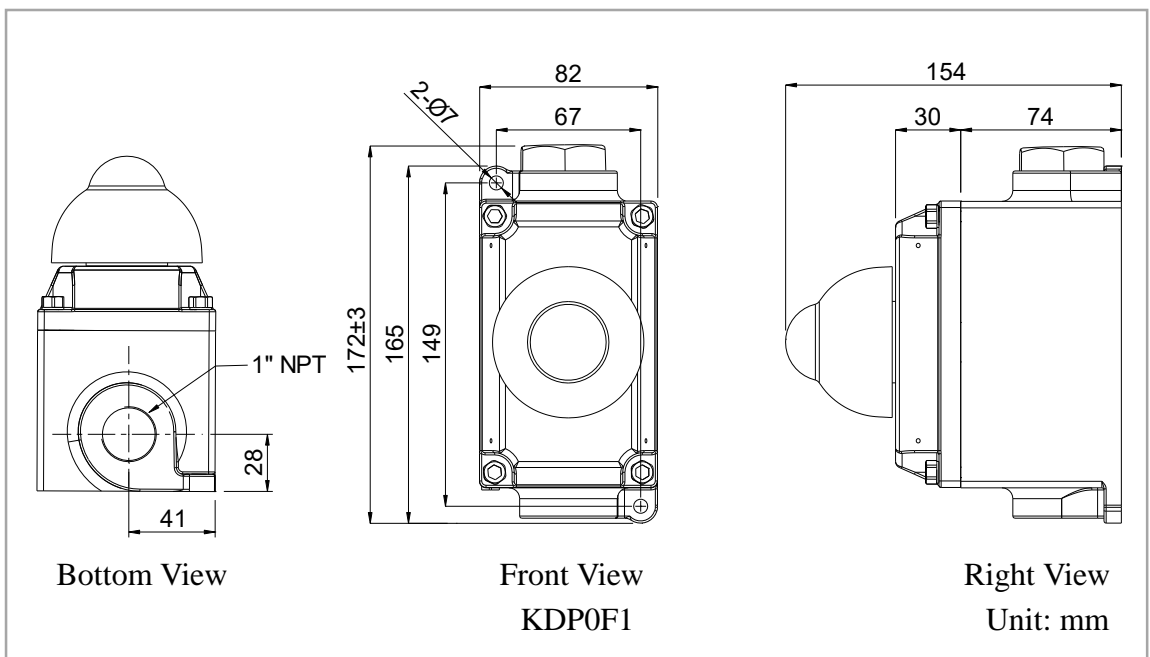
- Explosion-proof, outdoor type, LED light
- Aluminum alloy enclosure, red powder coated, corrosion-resistant, impact-resistant, IP65 rated
- Red ABS cover
- Stainless steel component; contact current: 10A
- High intensity LED light, rated voltage / rated current: 24 Vdc / 27 mA
- Cable entry: 1" NPT x 1 or 3/4" NPT x 1
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db
- CFS type approval: L-A106005

MODEL

KDP0F1

Specifications

Model		KDP0F1
High Intensity LED Light	Rated Voltage	24 Vdc
	Rated Current	27 mA
Material	Construction	Aluminum alloy; red
	Component	Stainless steel
	Cover	ABS; red
Environment	IP Degree	IP65
	Certification	CNS: Ex d IIB+H ₂ T6 Gb / Ex tb IIIC T85°C Db
	Ambient Temperature	-20°C ~ +50°C
Packing	Dimensions	190(L) x 105(W) x 180(H) mm
	Weight	2.1 kg



Explosion-proof High Voltage Speaker

MODEL

TW81T

Characteristics



TW81T

- GRP enclosure, corrosion-resistant, impact-resistant, IP66 rated
- Stainless steel mounting bracket and anti-loose cover screws
- Sound pressure level (L): 100 dB
- Voltage: 70/100 Vac
- Built-in power amplifier: 7.5W / 15W / 30W
- Cable entry: 1/2" NPT x 2
- Applied in Public Address System and Emergency Communications System
- CNS certified, Ex d IIB+H₂ T6 Gb / Ex tb IIIC T85°C Db
- IECEx / ATEX certified, Ex db IIC T6 or T5 Gb , Ex tb IIIC T80°C Db
- CFS type approval: EP-A104005

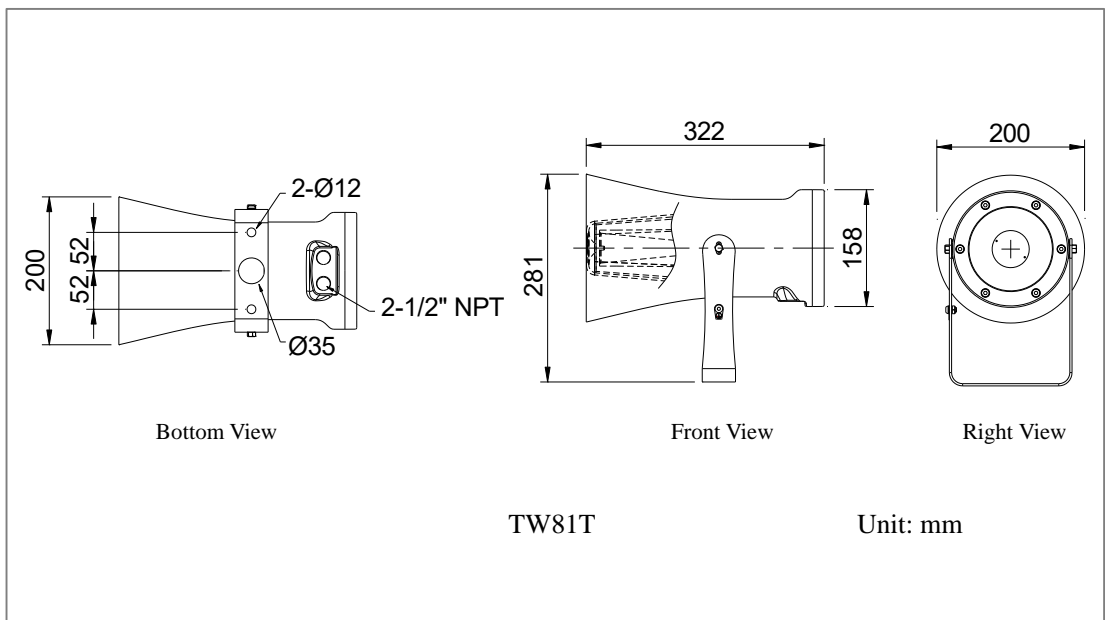
TW81T
Explosion-proof High Voltage Speaker

MODEL

TW81T

Specifications

Model		TW81T
Power	Voltage	70/100 Vac
SPL (L)	100 dB	
Material	Construction	Glass reinforced plastic (GRP); red
	Bracket	Stainless steel; red
	Cover Screws	Stainless steel; anti-loose design
Environment	IP Degree	IP66
	Certification	CNS: Ex d IIB+H ₂ T6 Gb / Ex tb IIIC T85°C Db IECEX / ATEX: Ex db IIC T6 or T5 Gb · Ex tb IIIC T80°C Db
	Ambient Temperature	-20°C ≤ Ta ≤ +50°C or -20°C ≤ Ta ≤ +60°C
Packing	Dimensions	240(L) x 245(W) x 405(H) mm
	Weight	5.4 kg





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