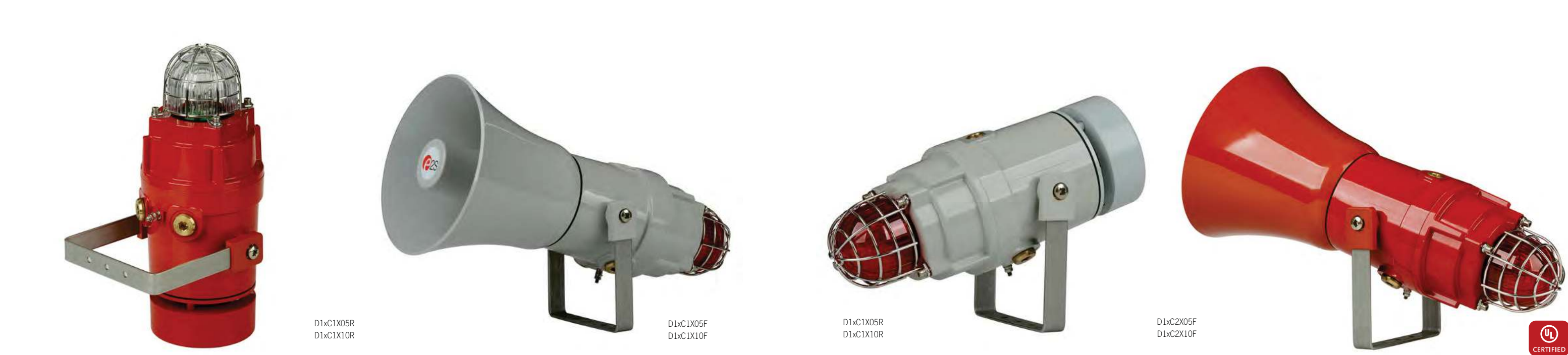


D1x Combination Alarm Horn Sounder & Xenon Strobe

Class I/II Div 1, Class, IECEx, ATEX Zone 1, Zone 20



The D1x combined signals - audible and visual warning from one device.

The Xenon strobe beacons are combined with alarm horn sounders either employing a traditional flare horn design, or the compact radial horn design which distributes sound omni-directionally and enables the beacon to be oriented optimally in any direction.

Strobe versions include 5 or 10 Joules with candela outputs of up to 1,000,000cd. Available in seven colours with a UV stable PC, field replaceable, filter. The flare version alarm horn sounders are available in sound pressure levels of up to 117 and 125dB(A).

The D1x combined signals in 24Vdc operating voltage are approved for audible public mode and visual private mode fire alarm use.

A threaded flame path enable quick installation and simplifies maintenance inspection whilst the innovative internal arrangement maximizes wiring space. The ratchet adjustable mounting bracket allows the device to be positioned for maximum effectiveness.

Approvals:

Class I Division 1 Group ABCD Class I Zone 1 IIC D1xC1X05: T5 Ta -40°C to +70°C T6 Ta -40°C to +55°C D1xC1X10, D1xC2X05, D1xC2X10: T5 Ta -40°C to +55°C T6 Ta -40°C to +50°C UL, cULs, IECEx, ATEX	Class II Division 1 Group FG Zone 20 IIIB D1xC1X05, D1xC2X05: T4 Ta -40°C to +55°C T4A Ta -40°C to +40°C UL, cULs, ULC, IECEx, ATEX, PESO, CSFM
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Range Info:

Enclosure Material

Corrosion proof, marine grade, copper free LM6 aluminum, chromated and powder coated.

Flare Material

ABS - UL94 V0 5VA FR

Enclosure & Flare colour

Red (RAL3000) or Grey (RAL7038)

Lens colour filters

Amber, Blue, Clear, Green, Magenta, Red & Yellow

Ingress Protection

Type 4, 4X, 13, 3R, IP66

Fixings

Stainless steel.

Mounting

Ratchet adjustable stainless steel 'U' bracket.

Cable entries

1 x 1/2" NPT
2 x M20 ISO (or adapted to 1/2" or 3/4" NPT)

Stopping plugs included (brass, nickel plated or stainless steel).

Combination Signals with Xenon Strobes

Ref: 1-23-060

D1xC1X05R

Radial Alarm Horn & 5 Joule Strobe

24Vdc & 115/230Vac 50/60HZ
Max output: 115dB(A) @ 1 metre
- 106dB(A) @ 10ft/3m
64 alarm tones with 4 stages/channels
5 Joule Xenon beacon
Effective intensity 250cd
Peak intensity 500,000cd
122.0mm x 339.0mm (4.80" x 13.33")

D1xC1X10R

Radial Alarm Horn & 10 Joule Strobe

24Vdc & 115/230Vac 50/60HZ
Max output: 115dB(A) @ 1 metre
- 106dB(A) @ 10ft/3m
64 alarm tones with 4 stages/channels
10 Joule Xenon beacon
Effective intensity 500cd
Peak intensity 1,000,000cd
122.0mm x 339.0mm (4.80" x 13.33")

Ref: 1-23-050

D1xC1X05F

Flare Alarm Horn & 5 Joule Strobe

24Vdc & 115/230Vac 50/60HZ
Max output: 117dB(A) @ 1 metre
- 108dB(A) @ 10ft/3m
64 alarm tones with 4 stages/channels
5 Joule Xenon beacon
Effective intensity 250cd
Peak intensity 500,000cd
181.0mm x 408.0mm (7.13" x 16.06")

D1xC1X10F

Flare Alarm Horn & 10 Joule Strobe

24Vdc & 115/230Vac 50/60HZ
Max output: 117dB(A) @ 1 metre
- 108dB(A) @ 10ft/3m
64 alarm tones with 4 stages/channels
10 Joule Xenon beacon
Effective intensity 500cd
Peak intensity 1,000,000cd
181.0mm x 408.0mm (7.13" x 16.06")

Ref: 1-23-070

D1xC2X05F

Flare Alarm Horn & 5 Joule Xenon

24Vdc & 115/230Vac 50/60HZ
Max output: 125dB(A) @ 1 metre
- 116dB(A) @ 10ft/3m
64 alarm tones with 4 stages/channels
5 Joule Xenon beacon
Effective intensity 250cd
Peak intensity 500,000cd
220.0mm x 458.0mm (8.66" x 18.04")

D1xC2X10F

Flare Alarm Horn & 10 Joule Xenon

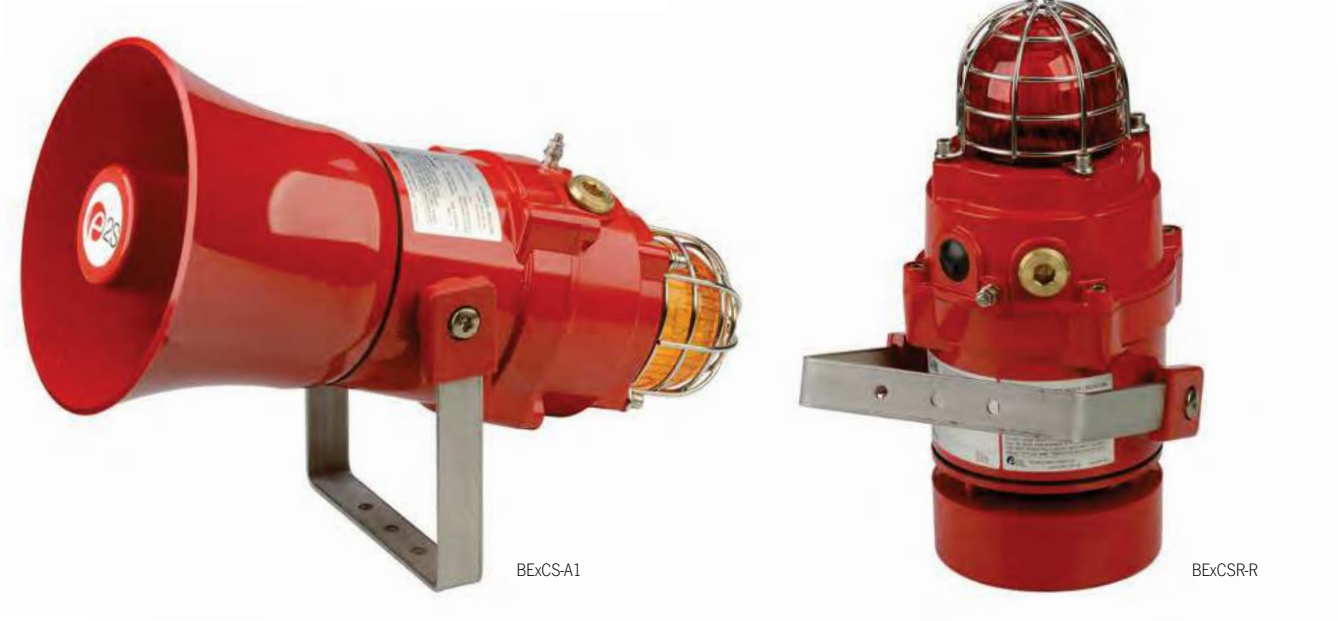
24Vdc & 115/230Vac 50/60HZ
Max output: 125dB(A) @ 1 metre
- 116dB(A) @ 10ft/3m
64 alarm tones with 4 stages/channels
10 Joule Xenon beacon
Effective intensity 500cd
Peak intensity 1,000,000cd
220.0mm x 458.0mm (8.66" x 18.04")

D1x Explosion proof Division 1 Combination



BEx Combination Signals

Zone 1, 2, 21 & 22



The BEx family of explosion proof combination warning signals are IEXEx and ATEX approved for all Zone 1, 2, 21 and 22 applications.

With both audible and visual signaling in one device offering independent or simultaneous operation the devices can provide a dual signal from one installation point saving on associated cabling, installation time and space.

The visual signals are available as either Xenon strobes or high output L.E.D. beacons which can be combined with an alarm horn sounder either employing a traditional flare horn design, or the more compact radial horn design which distributes sound omni-directionally and enables the beacon to be oriented optimally in any direction.

Range Info:
Material Corrosion proof, marine grade copper free LM6 aluminum, chromated and powder coated.
Ingress Protection Ex d IP67
Fixings Stainless steel.
Mounting Ratchet adjustable stainless steel 'U' bracket.
Cable entries Dual M20 ISO. One stopping plug included.
Approvals:
II 2G Ex d IIB T4 - Zone 1 & 2 II 2G Ex d IIB T4, II 2D Ex tD A21 - Zone 1, 2, 21 & 22
ATEX, IECEx, EAC Ex



Combination Signals with Xenon Strobes	Combination Signals with L.E.D Beacons
Ref: 1-23-010 BExCS110-05 Alarm Horn & Xenon Strobe 12/24/48Vdc & 115/230Vac 50/60HZ. Max output: 117dB(A) @ 1 metre - 108dB(A) @ 10ft/3m 32 alarm tones with 3 stages/channels 5 Joule Xenon beacon Effective intensity 250cd Amber, Blue, Clear, Green, Magenta, Red & Yellow lenses 181.0mm x 365.0mm (7.13" x 14.37")	Ref: 1-23-030 BExCS110-L2 Combination Horn & L.E.D 10-50Vdc & 115/230Vac 50/60HZ. Max output: 117dB(A) @ 1 metre - 108dB(A) @ 10ft/3m 32 alarm tones with 3 stages/channels Array of 32 high output L.E.D.s Effective intensity 160cd Amber, Blue, Clear, Green, Magenta, Red & Yellow lenses 181.0mm x 365.0mm (7.13" x 14.37")
Ref: 1-23-020 BExCS110-05-R Omnidirectional Horn & Strobe 12/24/48Vdc & 115/230Vac 50/60HZ. Max output: 117dB(A) @ 1 metre - 108dB(A) @ 10ft/3m 32 alarm tones with 3 stages/channels 5 Joule Xenon beacon Effective intensity 250cd Amber, Blue, Clear, Green, Magenta, Red & Yellow lenses 165.0mm x 296.7mm (6.50" x 11.69")	Ref: 1-23-040 BExCS110-L2-R Omnidirectional Horn & L.E.D 10-50Vdc & 115/230Vac 50/60HZ. Max output: 117dB(A) @ 1 metre - 108dB(A) @ 10ft/3m 32 alarm tones with 3 stages/channels Array of 4 high output L.E.D.s Effective intensity 160cd Amber, Blue, Clear, Green, Magenta, Red & Yellow lenses 165.0mm x 296.7mm (6.50" x 11.69")

STEx Combination Signals

Zone 1, 2, 21 & 22



STExCS1X05R



STExCS1X05F



STExCS1X05R



STExJ2

The STExC1X05 is an explosion proof family of combined audible & visual signals. The robust IP66 corrosion proof 316L stainless steel enclosure ensures suitability for all Zone 1, 2, 21 & 22 hazardous location signaling applications.

Powerful 5 Joule Xenon beacons are combined with an alarm horn sounder either employing a traditional flare horn design, or the more compact radial horn design; distributing the sound omni-directionally and enables the beacon to be oriented optimally in any direction. The beacon and alarm horn can be used individually or can be connected internally and powered from the same source - saving space, reducing cabling costs and installation time.

The alarm horn is capable of a sound pressure level of up to 115dB(A) and contains 64 internationally recognized alarm tone frequencies. Using either positive or negative line switching systems can be configured to remotely trigger 4 alarm stages/channels enabling a single device to signal more than one warning.

The Xenon beacon can be set to flash at 1Hz (60 fpm), 1.5Hz (90 fpm) or a Double Strike. The PC lens color filters are UV stable and are field replaceable.

The STExJ2 is an IECEx & ATEX approved explosion proof junction box featuring a threaded flamepath and four cable entries.

Available with standard or DIN rail terminals the STExJ2 can be utilized for termination purposes or as an enclosure for devices up to 5W, 60Vdc/250Vac.

Range Info:
Material 316L stainless steel, chromated and powder coated.
Ingress Protection IP66
Fixings Stainless steel.
Mounting Ratchet adjustable A4 316 stainless steel mounting 'U' bracket.
Cable entries Triple M20 ISO. Two 316 stainless steel stop-ping plugs included. Available with 1/2"NPT, 3/4"NPT or M25 adaptors.
Approvals II 2G Ex db IIC Gb II 2D Ex tb IIIC Db ATEX, IECEx, EAC Ex

Combination Signals with Xenon Strobes
Ref: 1-23-090 STExC1X05F Alarm Horn & Xenon Strobe 12/24/48Vdc & 230Vac 50/60HZ. Max output: 117dB(A) @ 1 metre - 108dB(A) @ 10ft/3m 64 alarm tones with 4 stages/channels 5 Joule Xenon beacon Effective intensity 250cd Amber, Blue, Clear, Green, Magenta, Red & Yellow lenses II 2G Ex db IIC Gb T6 Ta -50° to +40°C II 2G Ex db IIC Gb T5 Ta -50° to +55°C II 2G Ex db IIC Gb T4 Ta -50° to +70°C II 2D Ex tb IIIC Db T110°C Ta -50° to +70°C 181.0mm x 383.4mm (7.13" x 15.09")

Combination Signals with Xenon Strobes
Ref: 1-23-095 BExCS110-05D-R Omnidirectional Horn & Strobe 12/24/48Vdc & 230Vac 50/60HZ. Max output: 115dB(A) @ 1 metre - 106dB(A) @ 10ft/3m 64 alarm tones with 4 stages/channels 5 Joule Xenon beacon Effective intensity 250cd Amber, Blue, Clear, Green, Magenta, Red & Yellow lenses II 2G Ex db IIC Gb T6 Ta -50° to +40°C II 2G Ex db IIC Gb T5 Ta -50° to +55°C II 2G Ex db IIC Gb T4 Ta -50° to +70°C II 2D Ex tb IIIC Db T110°C Ta -50° to +70°C 136.0mm x 314.2mm (5.35" x 12.37")

Junction Box
Ref: 1-25-020 STExJ2 Junction Box 60Vdc max & 260Vac 50/60Hz max. 5W max power II 2G Ex db IIC T6 Gb Ta. -50° to +65°C II 2G Ex db IIC T5 Gb Ta. -50° to +70°C II 2D Ex tb IIIC Db T80°C Ta -50°C to +70°C 150.7mm x 95.50mm (5.93" x 3.76")