

HSR & HSWC Horn Strobes



HSWC - Horn Strobe, Ceiling Mounted



HSR - Horn Strobe, Wall Mounted



Overview

The UL range of notification devices are designed to exceed your expectations and offer the most polished, feature rich and cost effective solution.

Both stylish and inspiring, architects and engineers can now specify the industry's sleekest looking fire notification appliance, while being afforded all the features and benefits that provide the industry's lowest total cost of ownership.

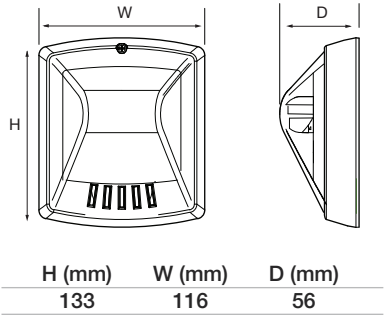
Features

- 80% reduction in SKUs - Up to 9 models now in 1 appliance
- 3 audible settings
- 8 candela settings in 1 device
 - Wall - 15/1575/30/75/95/110/135/185
 - Ceiling - 15/30/60/75/95/115/150/177
- A combination of 12 and 24 VDC in one appliance providing the capability to use a single appliance for different installation requirements
- A universal, common base for retrofit jobs, limited space environments and pre-existing wire configurations. It comes complete with a Contact Cover for protection against dirt, dust, paint and damage to the contacts. The Contact Cover also acts as a shunting device to allow pre-wire testing for common wiring issues.

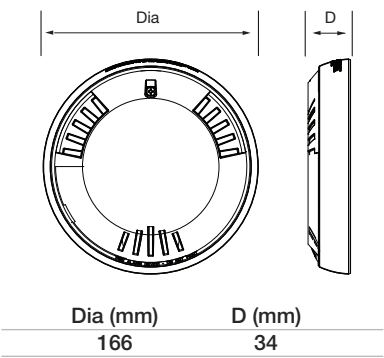
Benefits

- Up to 48% savings in current draw over similar products, with the latest horn/strobe products you can install more appliances per a given circuit.
- A combination of 12 and 24 VDC in one appliance
- Easier to install - Save up to 14% cost of installation**
- 5 Mounting Options - 1 gang, 2 gang, 4"sq., 3.5 octal, 4" octal box
- Voltage test points for quick troubleshooting and easy spot checking
- 1/16" deep mounting error relief
- Pre-wire capability to check for wiring & ground faults prior to appliance installation
- Contact cover not only provides protection from dirt, dust, paint and accidental damage, it allows for pre-wire testing and troubleshooting

Dimensions - Wall



Dimensions - Ceiling



All strobe models are UL dual listed - meeting both UL1638 and UL1971 requirements. As dual listed appliances, these weatherproof strobes are listed for outdoor applications under UL 1638 as well as under UL 1971, the Standard for Safety Signaling Devices for Hearing Impaired. With an extended temperature range of -31°F to 150°F (-40°C to 66°C), the weatherproof appliances meet or exceed UL outdoor test requirements for rain, humidity and corrosion resistance while providing multiple strobe intensity options, including the highest strobe ratings available for area coverage per NFPA 72 strobe spacing tables (up to 185 candela for wall mounting and 177 candela for ceiling mounting).

Technical Specification

| Code | HSR | HSWC |
|---------------------------|---|---|
| Description | Horn Strobes, Wall Mounted | Horn Strobes, Ceiling Mounted |
| Standards | UL Standard 464 | UL Standard 464 |
| Operation | | |
| 12/24 Vdc | 15/1575/30/75/95/110/135/185 cd, 90/95/99 dB(A) | 15/30/60/75/95/115/150/177 cd, 90/95/99 dB(A) |
| Environmental | | |
| Operating Temperature | 0°C to 49°C | 0°C to 49°C |
| Humidity (Non Condensing) | 0 to 93 %RH | 0 to 93 %RH |
| Compatibility | | |
| Suitable for use with | Menvier UL fire systems | Menvier UL fire systems |

Horn Strobe Ratings

| Horn Strobe Ratings per UL 1971 & UL 464 at 24 Vdc | | | | | | | | | | | | | | | | |
|--|------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--|
| | | UL Max Current* at 99 dB(A) | | | | | | | | | | | | | | |
| | | 24 V dc | | | | | | | | | | | | | 12 V dc | |
| Mode | Regulated Voltage Range V dc | 15 | 15/75 | 30 | 60 | 75 | 95 | 110 | 115 | 135 | 150 | 177 | 185 | 15 | 15/75 | |
| HS | 8.0-33.0 | 0.082 | 0.095 | 0.102 | | 0.148 | 0.176 | 0.197 | | 0.242 | | | 0.282 | 0.125 | 0.159 | |
| HSC | 8.0-33.0 | 0.082 | | 0.102 | 0.141 | 0.148 | 0.176 | | 0.197 | | 0.242 | 0.282 | | 0.125 | | |

| Horn Strobe Ratings per UL 1971 & UL 464 at 24 V dc | | | | | | | | | | | | | | | | |
|---|----------|-----------------------------|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|----|
| | | UL Max Current* at 95 dB(A) | | | | | | | | | | | | | | |
| | | 24 V dc | | | | | | | | | | | | | 12 V dc | |
| | | Mode | Regulated Voltage Range V dc | 15 | 15/75 | 30 | 60 | 75 | 95 | 110 | 115 | 135 | 150 | 177 | 185 | 15 |
| HS | 8.0-33.0 | 0.073 | 0.083 | 0.087 | | 0.139 | 0.163 | 0.186 | | 0.230 | | | 0.272 | 0.122 | 0.153 | |
| HSC | 8.0-33.0 | 0.073 | | 0.087 | 0.128 | 0.139 | 0.163 | | 0.186 | | 0.230 | 0.272 | | 0.122 | | |

| Horn Strobe Ratings per UL 1971 & UL 464 at 24 V dc | | | | | | | | | | | | | | | | |
|---|------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|
| | | UL Max Current* at 90 dB(A) | | | | | | | | | | | | | | |
| | | 24 V dc | | | | | | | | | | | | 12 Vdc | | |
| Mode | Regulated Voltage Range V dc | 15 | 15/75 | 30 | 60 | 75 | 95 | 110 | 115 | 135 | 150 | 177 | 185 | 15 | 15/75 | |
| HS | 8.0-33.0 | 0.065 | 0.075 | 0.084 | | 0.136 | 0.157 | 0.184 | | 0.226 | | | 0.267 | 0.120 | 0.148 | |
| HSC | 8.0-33.0 | 0.065 | | 0.084 | 0.120 | 0.136 | 0.157 | | 0.184 | | 0.226 | 0.267 | | 0.120 | | |

Product Codes

| Code | Description |
|------|--|
| HSR | Horn Strobe, Wall Mount, Snap Base, 153075100cd up to 105 dB @ 1meter |
| HSWC | Horn Strobe, Ceiling Mount, Snap Base, 153075100cd up to 105 dB @ 1meter |