

WHE Series Weatherproof Evacuation Signals



WHE SERIES

APPLICATIONS

The WHE Series offers dependable visible and/or audible alarms for all outdoor needs.

Included with the WHE Series is the HGOE outdoor enclosure. The enclosure provides protection from weather related conditions and allows the necessary full candela output. This highly constructed enclosure meets various installation requirements including deterring moisture from entering the enclosure.

The WHE Series is equipped with a 4" mounting plate which incorporates the sliding feature that allows the installer to easily test for supervision. The product also features a locking mechanism which secures the product to the bracket without any screws showing.

The WHE Series has a minimal operation current and has a minimum flash rate of 1Hz and can vary up to 2Hz regardless of input voltage.

STANDARD FEATURES

- Nominal voltage 24VDC
- Unit is shipped with WHES24-75 Candela Strobe or WHEC24-75 Candela Horn/Strobe
- Unit Dimensions: HGOE 5.75" High x 4.75" Wide x 4.18" Deep
- Switch Selection for High dBA
- Switch for Mechanical and 2400hz Tone
- Switch for Continuous Tone
- Input terminals supports 12 to 18 gauge wire
- Tamperproof Re-entrant Grill
- Wide Voltage Range of 16-33 VDC or FWR
- Separate Horn and Strobe Functions
- Synchronize Strobe and/or Horn by using HAVSM Module
- Faceplate available in Red or Off-White

PRODUCT LISTINGS



California State
Fire Marshal
7135-0410:0187

- UL 464 & UL 1638 Listed - S3597
- CSFM Listed - 7135-0410:0187

PRODUCT COMPLIANCE

- NFPA 72
- Americans with Disabilities Act (ADA)

Specifications subject to change without notice.

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WHES24 Weatherproof Low Profile Evacuation Strobe

Model Number	Part Number	Nominal Voltage	Candela (UL 1971)
WHES24-75WR	0500-05780	24 VDC	75
WHES24-75WW	0500-05790	24 VDC	75

Model Designations:

W = Wall mount R = Red faceplate W = Off-white

WHES24 and WHEC24 are shipped with HOE Enclosure

WHEC24 Weatherproof Low Profile Evacuation Horn/Strobe

Model Number	Part Number	Nominal Voltage	Candela (UL 1971)	Reverberant dba @ 10ft., per UL 464	In Anechoic Room dBA @ 10ft.
WHEC24-75WR	0500-05860	24 VDC	75	70-82	100
WHEC24-75WW	0500-05870	24 VDC	75	70-82	100

NOTES:

- The HES Series is listed for outdoor use.
 Indoor Operating temperature: 32° to 120° F (0° to 49° C)
 Outdoor Operating temperature: -31° to 150° F (35° to 66° C)

WHE Series Product Strobe Current Ratings

Candela	75cd
24VDC	112 mA
UL Max¹	170 mA

WHE Series Product Horn Current Ratings

Horn Mode	Minimum dBA @ 10ft., per UL 464 (HIGH)	Minimum dBA @ 10ft., per UL 464 (LOW)	Regulated 24VDC Max. Operating @ High Setting (mA)
Temp 3 2400Hz	78	71*	28
Temp 3 Mechanical	76	70*	25
Temp 3 Chime	70*	66*	15
Continuous 2400Hz	81	74*	28
Continuous Mechanical	80	72*	25
Continuous Chime	70*	66*	15
Whoop	82	69*	56

*Operating the horn in this mode at this voltage will result in not meeting the minimum UL reverberant sound level required for public mode fire protection service. These settings are acceptable only for private mode fire alarm use.

Use the high dBA setting for public mode application (not applicable when using the chime tone. The chime tone is always private mode).

Notes: The sound output for the temporal 3 tone is rated lower since the time the horn is off is averaged into the sound output rating. While the horn is producing a tone in the temporal 3 mode its sound pressure is the same as the continuous mode.

¹ RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range (16-33VDC for 24VDC units). For strobes the UL max current is usually at the minimum listed voltage (16VDC for 24VDC units). For audibles the max current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.