

Appliance enclosures



Description

Wheelock EWR, EWP and EN4 enclosures are designed for use with Wheelock UL-approved audible strobe and strobe appliances. Constructed of 1/8" thick polycarbonate material, the enclosures are UL Listed for a temperature range from 32°F (0°C) to 49°F (120°F) for indoor and outdoor applications.

Applications

- Factories
- Warehouses
- Schools
- Clean rooms
- Wash-down areas
- Walk-in coolers

Features & benefits

- Approvals include: UL Listed, NEMA (EN4) rated, ADA and OSHA compliant
- Indoor and outdoor applications
- Vandal resistant
- Easy installation and access for service
- Provides protection from incidental contact with equipment, falling dirt, falling liquids, light splashes, rain, etc.
- UV stabilized against discoloration
- Measures 9.5"H x 7.5"W x 8.25"D
- Shipping weight: 3.60 lbs

Architects and engineers specifications

The EWR weather-resistant enclosure shall be constructed of 1/8" thick, optically clear polycarbonate material and shall measure 9.59"H x 7.59"W x 8.259"D with front slots and a bottom drain screen. The enclosure shall be UL Listed for a temperature range from 32° F (0° C) to 120° F (49° C) for indoor and outdoor applications.

The EWP weatherproof enclosure shall be constructed of 1/8" thick, optically clear polycarbonate material and shall measure 9.59"H x 7.59"W x 8.259"D and contain a bottom drain screen. The enclosure shall be UL Listed for a temperature range from 32° F (0° C) to 120° F (49° C) for indoor and outdoor applications.

The EN4 enclosure shall be weatherproof, dust proof and NEMA-4 rated, constructed of 1/8" thick, optically clear polycarbonate material and shall measure 9.59"H x 7.59"W x 8.259"D. The enclosure shall be UL Listed for a temperature range from 32° F (0° C) to 120° F (49° C) for indoor and outdoor applications.

- Notes:**
1. Please read these specifications and associated installation instructions before using, specifying, or installing this product. Visit Eaton.com/massnotification for current installation instructions.
 2. Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Cooper Wheelock, Inc., dba Eaton, standard terms and conditions.



Powering Business Worldwide

Table 1. Specifications and ordering information

Model Number	Order Code	Description	Appliance Compatibility
EWR	8151	Slotted, weather-resistant indoor/outdoor enclosure with drain screen	Wheelock NS notification strobe appliance, Wheelock AS audible strobe appliance, Wheelock E or ET speaker strobe appliances
EWP	8150	Non-slotted, weatherproof indoor/outdoor enclosure with drain screen	Wheelock RSS strobe appliances
EN4	8152	NEMA-4 rated, non-slotted, weatherproof, dust-proof indoor/outdoor enclosure	Wheelock RSS strobe appliances

Table 2. UL Candela ratings for RSS strobe when using with EWP enclosure

Model Number	Candela Setting	Strobe Candela (cd)
RSS-24MCW-FR ^①	30cd	21.0
	75cd	52.5
	110cd	77.0

^① Refer to RSS P83500 instruction sheet for additional information.

Table 3. UL Candela and sound pressure ratings for the NS notification strobe appliance and AS audible strobe when using EWR enclosure

Model Number	Candela Setting	Strobe Candela (cd)	dB @ 24 VDC					
			Continuous			Code 3		
			Low	Medium	High	Low ^①	Medium	High
NS-24MCW NS4-24MCW	30cd	21.0	—	75	82	—	69 ^②	75
	75cd	52.5	—	75	82	—	69 ^②	75
	110cd	77.0	—	75	82	—	69 ^②	75
AS-24MCW-FR	30cd	21.0	75	82	85	69 ^②	75	79
	75cd	52.0	75	82	85	69 ^②	75	79
	110cd	77.0	75	82	85	69 ^②	75	79

^① Refer to NS P83518 and AS P83509 and P83609 instruction sheets for additional information.

^② NS and AS set on Code 3 tone with "Medium" or "Low" dBA do not meet the 75 dBA minimum UL reverberant sound level required for public mode fire protection service. Models with settings which produce less than 75 dBA may not be heard. This setting is acceptable only for general signaling (non-fire alarm) use. Use the appropriate dBA setting with this tone for public mode service.

Table 4. UL Candela and sound pressure ratings for the E and ET speaker strobes when using EWR enclosure

Model Number ^①	Candela Setting	Strobe Candela (cd)	dB @ 24 VDC						
			1/8W	1/4W	1/2W	1W	2W	4W	8W
E70-24MCW	30cd	21.0	75	78	81	84	87	—	—
	75cd	52.5	75	78	81	84	87	—	—
	110cd	77.0	75	78	81	84	87	—	—
E90-2430C	30cd	21.0	75	78	81	84	87	—	—
E90-2475C	75cd	52.5	75	78	81	84	87	—	—
E90-24100C	100cd	70.0	75	78	81	84	87	—	—
ET70-24MCW-FR	30cd	21.0	75	78	81	84	87	90	93
	75cd	52.5	75	78	81	84	87	90	93
	110cd	77.0	75	78	81	84	87	90	93

^① Refer to E P83566 and ET P83567 instruction sheets for additional information.



WE ENCOURAGE AND SUPPORT NICET CERTIFICATION
3-YEAR WARRANTY

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Eaton
Life safety & mass notification solutions
273 Branchport Ave.
Long Branch, NJ 07740
www.eaton.com/massnotification

© 2017 Eaton
All Rights Reserved
Printed in USA
Publication No. TD450104EN
January 2017



Eaton is a registered trademark.

All other trademarks are property of their respective owners.