

EnOcean Telegram Repeater

ERPT



energy conservation - home and office



Overview

Echoflex Solutions ERPT is a repeater designed to extend the distance between wireless switches or sensors and their associated controller. The repeater receives telegrams from any EnOcean source and re-transmits them, effectively doubling the transmission distance. The re-transmitted telegram will be received by the controller to which the original switch or sensor was linked.

The ERPT comes in three models: one for 120/277 VAC one for 120/347 VAC and a low voltage (24 VAC/DC) version. All are available in both 868 MHz and 315 MHz frequencies.

Ordering Information

Model Number	Description	Part Number
ERPT-C-LV	24V, 315MHz	008-0012
ERPT-C-120/277	315MHz	008-0024
ERPT-C-120/347	315MHz	008-0036
ERPT-LV	24V, 868MHz	008-5012
ERPT-120/277/347	868MHz	008-5024

Hardware Specifications

Power Supply	24VAC/DC, 120/277 or 120/347 VAC
Power Consumption	2.0 W full load
Communications	315 or 868 MHz EnOcean radio with whip antenna

Mechanical Specifications

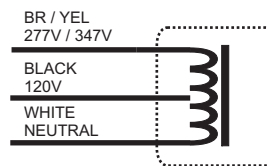
Operating Temperature	14 F to 113 F (-10 C to 45 C)
Relative Humidity	5% to 95% RH (non-condensing)
Weight	13.5 oz. (385 gms.)
Dimensions	3.5" x 1.9" x 1.9" (88 x 48 x 48 mm)
Mounting	½" nipple

Agency Listing and Compliance

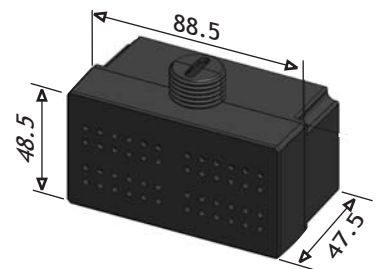
Safety	ETL Recognized Component 3188207 Conforms to UL Standard 508 Certified to CAN/CSA Std. C22.2 No.14 UL 2043 Plenum rated
Radio Frequency	FCC Part 15.231 Remote Control Transmitter IC RSS-210



Wiring Drawing



Dimensional Drawing



Echoflex Solutions, Inc.

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