

Roger Access Control System

Installation guide

ME-1 v1.1 Metal Enclosure

Document version: Rev. A



1. DESCRIPTION AND SPECIFICATION

ME-1 metal enclosure is dedicated to installation of PR402-BRD, PR402DR-BRD, PR411DR-BRD and CPR32-SE-BRD electronic modules. The enclosure includes transformer with 40VA output power and 18/16 VAC output voltage. Moreover, space for installation of backup battery 12V/7Ah is provided inside the enclosure.

Table 1. Specification	
Rated supply voltage	230VAC (+/- 15%), 50Hz
Transformer	TRZ 40/16/18
Output voltage	18VAC/2,0A 16VAC/2,2A
Output power	40VA
Tamper contact	30VDC/0,5A
Environmental class	-10C..+40C, humidity 10-90% (without condensation)
Dimensions	285x295x88mm (W x H x D)
Weight	3,2kg
Certificates	CE

2. INSTALLATION

The enclosure should be mounted by qualified installer with adequate certificates and authorizations for 230VAC and low voltage installations.

Safety transformer is designed for continuous operations and is not equipped with power switch, therefore proper overload protection must be provided in power supply circuit. The final user should be also informed by installer of method for disconnection of 230VAC power supply (e.g. marking and separation of fuse in switchgear). Electrical installation must be completed in accordance with valid regulations and standards.

Note: Prior to starting installation and maintenance works it is necessary to ensure that 230VAC power supply is disconnected.

It is **forbidden** to use power supply unit without proper and effective electric shock protection. Otherwise it may cause damage to devices and injuries (electric shock).

Installation:

- Fix the electronic module inside the enclosure by means of holes provided in the back of enclosure.
- Fix the enclosure in desired place and then connect power supply and signal cables through cable bushings. Mains cables must be connected to 230V/AC L-N terminals of transformer, while PE cable (yellow-green) must be connected to terminal with ground symbol.

Note: Use 3 wire cable for power supply circuit.

- Connect transformer output to AC terminals of electronic module.
- Make other required connections to installed module or system.
- Connect backup battery and 230VAC power supply.
- Configure the system in accordance with installation guide of particular device and close ME-1 enclosure.

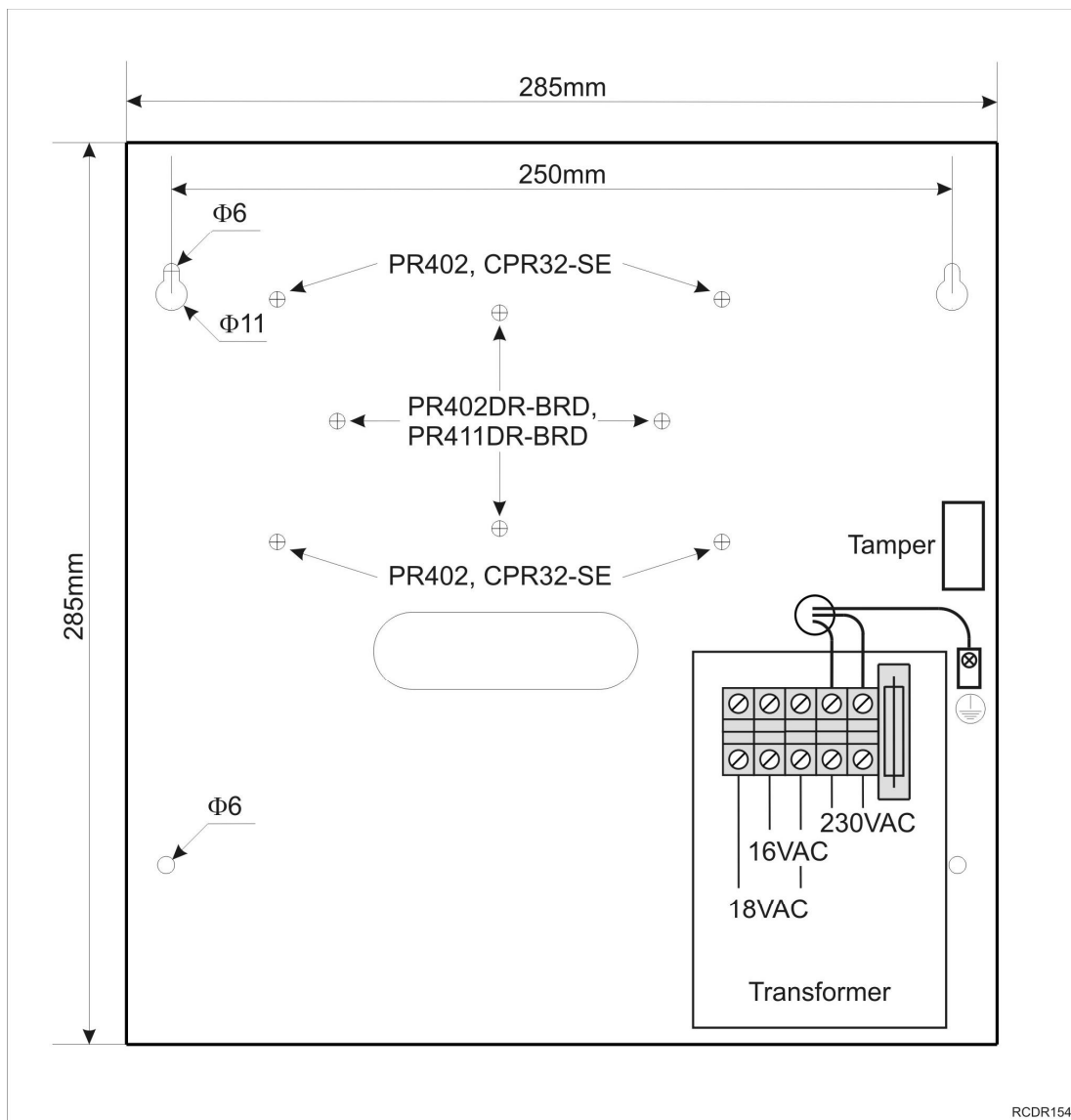


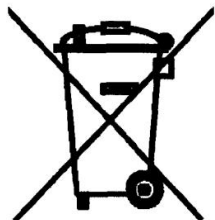
Fig. 1 ME-1 metal enclosure.

3. ORDERING INFORMATION

Table 2. Ordering information	
Product	Description
ME-1	Metal enclosure
F4708022/802	Mechanical lock for ME-1 metal enclosure
PR402DR-BRD	Electronic module of PR402DR access controller
PR402-BRD	Electronic module of PR402 access controller
PR411DR-BRD	Electronic module of PR411DR access controller
CPR32-SE-BRD	Electronic module of CPR-32SE network controller

4. PRODUCT HISTORY

Table 3. Product history		
Product version	Released	Description
ME-1 v1.0	09/2006	The first commercial version of the product.
ME-1 v1.1	07/2011	Adaptation of ME-1 to fixing of PR402DR-BRD and PR411DR-BRD electronic modules



This symbol placed on a product or packaging indicates that the product should not be disposed of with other wastes as this may have a negative impact on the environment and health. The user is obliged to deliver equipment to the designated collection points of electric and electronic waste. For detailed information on recycling, contact your local authorities, waste disposal company or point of purchase. Separate collection and recycling of this type of waste contributes to the protection of the natural resources and is safe to health and the environment. Weight of the equipment is specified in the document.

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