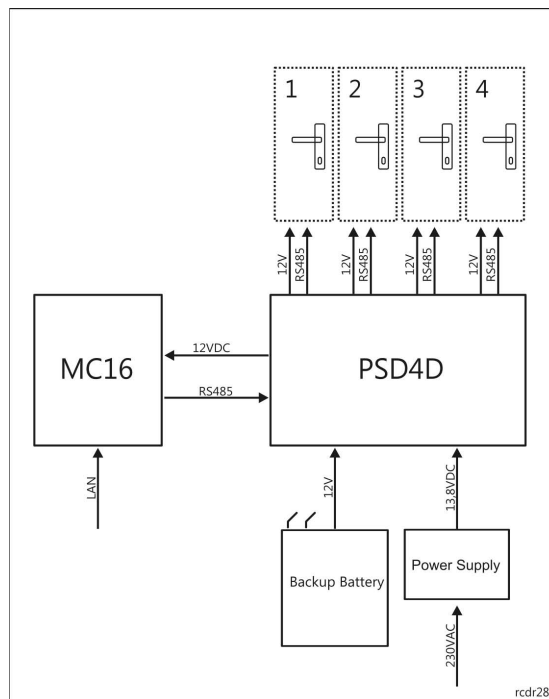


The PSD4D distributes power supply and communication bus to 4 access doors in RACS 5 system. For each door, it offers: main 1.0 A supply output, auxiliary 0.2 A supply output and communication interface to readers. The electronic circuits for each door are electrically separated what assures that in case of malfunction or sabotage, the problem from one door is not propagated to other doors. The PSD4D is supplied from the external 13.8 VDC power supply which provides energy for door locks, readers and other door equipment. In case of main sup-

ply failure, entire system is supplied from the reserve battery which is connected to the PSD4D module and charged with selectable 0.3-0.9 A current. The electronic module is equipped with removable screw terminals which simplify installation and replacement of the module. The PSD4D is generally dedicated for the access control systems based on the MCT-IO series readers which utilize their on-board IO lines to control door lock and other elements of the passage.

## Features:

- communication bus and power supply distribution to 4 doors
- 4 supply outputs 12 V/1 A
- 4 supply outputs 12 V/0.2 A
- battery deep discharge protection
- 0.3 A, 0.6 A or 0.9 A battery charging current
- supplied from 13.8 VDC/5 A power supply
- IP41
- environmental conditions of operation:
  - temperature from +5°C to +40°C
  - humidity from 10% to 95%
- dimensions: 80.0 x 96.0 mm (height x width)
- weight: ≈85.0 g
- CE mark



Overall concept of using the PSD4D power supply distributor

## Ordering guide

Item	Description
<b>PSD4D</b>	Supply and bus distributor module for 4 doors; battery charge and maintenance; 13.8 VDC supply

## Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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