



CONTROL UNIT



P/N UC-SRP2P

DESCRIPTION

Polyester cabinet preassembled with a controller board, a DIN rail power supply unit, two backup batteries, a tamper switch and a shock sensor to detect the forcing and the breaking-through of the cabinet. Control Unit contents: BR-SRP2P-CTRL controller board, AL-P2P-3024 stabilized power-supply unit, BT-P2P-12V backup batteries, BOX-P2P polyester cabinet.

CONTENTS

1. BR-SRP2P-CTRL CONTROLLER BOARD

P2P Controller board allows, using the provided service software, to configure and set-up the P2P system. It can manage up to 500 sensors on two communication buses, to protect a perimeter of up to 1500 metres (if the sensors are installed every 3 meters). During the first configuration of the system, the controller automatically identifies and sorts the field sensors by distributing them on 64 alarm logical lines. The logical lines can be assigned up to 128 output relays for alarm, tamper and other signals such as power supply failure and data-bus failure.

2. AL-P2P-3024 REGULATED POWER SUPPLY

The switching power supply unit AL-P2P-3024, allows to charge all battery types such as Open Lead Acid, Sealed Lead Acid, Lead Gel e Ni-Cd. Thanks to its internal algorithm, it ensures rapid and automatic charging, battery charge optimization during time, flat batteries recovery and real time diagnostic during installation and operation. This power supply is protected against short circuit and inverted polarity; it provides signal output (contact free) for discharged or damaged battery and signal output (contact free) for mains or back-up loss.

3. BACKUP BATTERY BT-P2P-12V

The sealed acid batteries included, are connected in a serial configuration giving a voltage of 24VDC. Each backup battery has a nominal voltage of 12VDC and a capacity of 7,2Ah.

4. SHOCK DETECTOR AND TAMPER SPC-02BOX

SPC-02BOX is a piezodynamics detector with embedded electronics for the protection of the control unit UC-SRP2P against burglary. It's a NO/NC switch installed inside the control unit UC-SRP2P. The signal provided is connected to a digital input of the BR-SRP2P-CTRL board that will trigger a tamper signal.

5. BOX-P2P

The product BOX-P2P is suitable for outdoor applications, protected against splashed water (IP-44) and made of a fibreglass reinforced polyester material (self-extinguishing and flame retardant).

COMPLIANCE

- DIRECTIVE 2014/30/EU
- EN 50130-4:2011
- EN 61000-6-3:2007+A1:2011
- EN 60950-1:2006+A11:2009
- IEC 60670



TECHNICAL FEATURES

- CABINET DIMENSION:** 300 x 400 x 200 mm (L x H x W)
- NET WEIGHT** (excluding batteries): 7.600 g
- POWER SUPPLY:** 115/230 Vca ± 10% 50 Hz
- CURRENT:** 500 A (max)
- BACKUP BATTERIES:** 2 lead batteries (12 V / 7,2 Ah)
- OPERATING TEMPERATURE:** -25 ÷ +70 °C
- CABINET FEATURES:** polyester self-extinguishing housing, provided with ventilation openings.
- PROTECTION RATING:** IP44
- DIGITAL INPUTS:** no 8 optoisolated, service software programmable
- NC RELAY OUTPUTS (1 A):**
 - General Alarm
 - General Tamper
 - Watchdog
 - Sensor failure
 - Bus link loss
 - up to 128 external relay outputs on SC-DN-ER16 optional expansion boards
- SPDT RELAY OUTPUTS:**
 - Discharged or damaged battery
 - Power from mains or from backup
- OC OUTPUTS:** 3 programmable outputs
- CONNECTIONS:**
 - DEA NET
 - USB for service software
 - Ethernet for service, for DEA MAP or third-party management software
- CALIBRATIONS and CONFIGURATIONS:** by means of service software for Microsoft Windows
- CPU:** 32 bit
- DIGITAL MEMORY:** more than 20.000 events
- Service software licence included**

For further information refer to the product datasheet.

DEA Security S.r.l.

Via Bolano, snc - 19037 Santo Stefano di Magra (SP) - tel. +39 0187 699233 - fax +39 0187 697615

VAT NO.: IT00291080455

www.deasecurity.com - dea@deasecurity.com

