

## PIT gb RLLE y down ETH

G1000021



PITgatebox (pushbutton unit), pre-assembled housing with PITreader, control elements and E-STOP, 40 mm width, box with E-STOP (2 NC / 1 NO), 2 illuminated pushbuttons (1 NO each) and PITreader, connection 12-pin M12 connector and 4-pin M12 Ethernet connector, connection bottom plug-in connector, IP65, incl. colour covers in colours GN, BU, RD, YE plus transparent, transponder key not included

## Technical details

### General data

|                 |                                           |
|-----------------|-------------------------------------------|
| Approval:       | CE, UKCA, UL/cUL, FCC, IC, EAC (Eurasian) |
| Self-monitored: | no                                        |
| Lamp:           | LED                                       |
| Lamp colour:    | white                                     |

### Technical data

#### Electrical data

|                              |           |
|------------------------------|-----------|
| Supply voltage (V):          | 24 - 24 V |
| Type of supply voltage U1:   | DC        |
| Type of power supply for U1: | SELV/PELV |
| Power consumption DC:        | 2.88 W    |
| Min. contact current:        | 1 mA      |

### Emergency stop

|                                 |              |
|---------------------------------|--------------|
| Number, E-STOP N/C:             | 2            |
| Number, E-STOP signal contact:  | 1            |
| Release type emergency stop:    | Turn release |
| Switch cap. E-STOP to standard: | EN 60947-5-1 |
| Contact material E-STOP:        | Ag           |

### Push button

|                     |   |
|---------------------|---|
| Number, pushbutton: | 2 |
|---------------------|---|

|                                 |                        |
|---------------------------------|------------------------|
| Number of pushbutton N/O:       | 2                      |
| Switch cap. p/b to standard:    | EN 60947-5-1           |
| Contact material pushbutton:    | Ag                     |
| PITreader                       |                        |
| Sensor principle PITreader:     | Transponder            |
| Transponder energy supply:      | Passive (battery-free) |
| Operating frequency PITreader:  | 13.24 - 13.88 MHz      |
| Galv. isolation of S/C outputs: | No                     |
| S/C output short circuit proof: | Yes                    |
| Signal level at input at 1:     | 15 - 30 VDC            |
| Galv. isolation input:          | No                     |
| Ethernet interface              |                        |
| Ethernet IP addr. factory set:  | 192.168.0.12           |
| Connector type ETHERNET int.:   | M12x1, 4-pin, D-code   |
| Ethernet transmission rate:     | 10/100 Mbit/s          |
| CANopen interface               |                        |
| Number of Ethernet interfaces:  | 1                      |
| Environmental data              |                        |
| Ambient temperature:            | -20 - 55 °C            |
| Climatic suitability standard:  | EN 60068-2-78          |
| Humidity rating:                | 93 % r. h. at 40 °C    |
| Vibration to standard ....:     | EN 60947-5-2           |
| Acc. shock to standard1:        | 30g                    |
| Clearance & creepage dist. to:  | EN 60947-1             |
| Overvoltage category:           | III                    |
| Pollution degree clear.&creep.: | 3                      |
| UL enclosure type:              | Type 1                 |
| Mechanical data                 |                        |
| Mounting position:              | any                    |

|                                |                              |
|--------------------------------|------------------------------|
| Connection type:               | M12, 12-pin male             |
| Housing material:              | Zn                           |
| Connection terminal:           | M12                          |
| Height dimension:              | 320 mm                       |
| Width dimension:               | 40 mm                        |
| Depth dimension:               | 40 mm                        |
| Net weight:                    | 920 g                        |
| Gross weight:                  | 1320 g                       |
| Environment                    |                              |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data                |                              |
| ECLASS version:                | ECLASS-9.1                   |
| ETIM Version:                  | ETIM-7.0                     |
| ETIM Reference Group:          | EG000017                     |
| ETIM Reference Feature:        | EC000225                     |

## Obligatory accessories



402261

PITreader key ye 1



402260

PITreader key ye g



570358

PSEN cable M12-12sf/M12-12sm 2m



570359

PSEN cable M12-12sf/M12-12sm 3m



570356

PSEN cable M12-12sf 50m



402269

PITreader key ye 5 service



570357

PSEN cable M12-12sf/M12-12sm 1m



570354

PSEN cable M12-12sf 20m



570355

PSEN cable M12-12sf 30m



570352

PSEN cable M12-12sf 5m



402265

PITreader key ye 5



570353

PSEN cable M12-12sf 10m



402264

PITreader key ye 4



570350

PSEN cable M12-12sf 2m



570361

PSEN cable M12-12sf/M12-12sm 10m



402263

PITreader key ye 3



570351

PSEN cable M12-12sf 3m



570362

PSEN cable M12-12sf/M12-12sm 20m



402262

PITreader key ye 2



570360

PSEN cable M12-12sf/M12-12sm 5m

## Optional accessories



G1000013

PIT gb color cover wh s1

G1000014

PIT gb color cover wh s2



G1000015

PIT gb color cover wh s3



G1000016

PIT gb color cover wh s4



380000

SafetyNET p Cable per mtr



G1000017

PIT gb color cover bl s5



G1000018

PIT gb color cover bl s6



G1000019

PIT gb color cover bl s4



G1000009

PIT gb color covers



380400

SafetyNET p Connector RJ45s





380316

M12 con., straight, male, 4 pin, D

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