

## PSSu E F DI OZ 2

312220



PSSu, electronic module, failsafe, digital inputs and outputs, 1 input, 1 test pulse output 0.25 A, 1 output, 2 A, dual-pole, short-circuitproof, overload-proof, free from feedback.

## Technical details

### General data

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Approval:          | CE, UKCA, cULus Listed, KOSHA, EAC (Eurasian), TÜV |
| Application range: | Failsafe                                           |

### Technical data

#### Inputs

|                             |         |
|-----------------------------|---------|
| DC voltage at input:        | 24 V DC |
| Potential isolation inputs: | yes     |

#### Semiconductor outputs

|                       |         |
|-----------------------|---------|
| DC voltage at output: | 24 V DC |
|-----------------------|---------|

#### Semiconductor outputs 2-pole

|                                |     |
|--------------------------------|-----|
| Number 2-pin SC outputs:       | 1   |
| Pot. isolation 2pole S/C O:    | Yes |
| 2pole S/C O short circ. proof: | Yes |

#### Test clock outputs

|                               |   |
|-------------------------------|---|
| Number of test pulse outputs: | 1 |
|-------------------------------|---|

### Environmental data

|                               |                                                                         |
|-------------------------------|-------------------------------------------------------------------------|
| Climatic suitability to ...:  | EN 60068-2-30, EN 60068-2-2, EN 60068-2-1, EN 60068-2-78, EN 60068-2-14 |
| Ambient temperature standard: | EN 60068-2-14                                                           |
| Ambient temperature:          | 0 - 60 °C                                                               |
| Storage temperature standard: | EN 60068-2-1/-2                                                         |

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| Climatic suitability standard:  | EN 60068-2-78                                                       |
| Humidity rating:                | 93 % r. h. at 40 °C                                                 |
| Condensation permitted?:        | Not permitted                                                       |
| Perm. operating height ASL:     | 2000 m                                                              |
| EMC to standard ...:            | EN 12015, EN 12016, EN 61000-6-2, EN 61000-6-4, EN 61131-2 (Zone B) |
| Vibration to standard ...:      | EN 60068-2-6                                                        |
| Acc. shock to standard1:        | 150 m/s <sup>2</sup>                                                |
| Clearance & creepage dist. to:  | EN 61131-2                                                          |
| Overvoltage category:           | II                                                                  |
| Pollution degree clear.&creep.: | 2                                                                   |
| Protection type standard:       | EN 60529                                                            |
| Protection type, housing:       | IP20                                                                |
| Mechanical data                 |                                                                     |
| Housing material lower section: | PC                                                                  |
| Housing material front plate:   | PC                                                                  |
| Housing material code:          | PA                                                                  |
| Terminal style:                 | plug-in                                                             |
| Height dimension:               | 76 mm                                                               |
| Width dimension:                | 12.6 mm                                                             |
| Depth dimension:                | 60.2 mm                                                             |
| Net weight:                     | 35 g                                                                |
| Gross weight:                   | 44 g                                                                |
| Name of coding element:         | G                                                                   |
| Colour of coding element:       | Yellow                                                              |
| Environment                     |                                                                     |
| RoHS directive:                 | 2011/65/EU, 2015/863/EU                                             |
| RoHS conformity:                | yes                                                                 |
| RoHS exceptions:                | yes                                                                 |

|                                |                                |
|--------------------------------|--------------------------------|
| RoHS except.s acc. to direct.: | 7a, 7c I                       |
| REACH compliance:              | contains min. 1 SVHC-substance |
| REACH included substances:     | Lead, Lead oxide               |
| %-part of the pollutant:       | > 0,1                          |
| CAS No.:                       | 7439-92-1, 1317-36-8           |
| SCIP entry available:          | yes                            |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm)   |
| Commercial data                |                                |
| ECLASS version:                | ECLASS-13                      |
| ECLASS Reference Feature:      | 27242604                       |
| ETIM Version:                  | ETIM-9.0                       |
| ETIM Reference Group:          | EG000024                       |
| ETIM Reference Feature:        | EC001599                       |
| UNSPSC 25:                     | 32131023                       |
| GTIN:                          | 4046548018592                  |
| Volume:                        | 0.049 dm3                      |
| Harmonized System Code:        | 85389091                       |
| Type of tariff number:         | TARIC                          |
| Use of customs tariff number:  | Ausfuhr, Einfuhr               |
| Quantity per packaging unit:   | 1                              |

## Obligatory accessories



312600

PSSu BP 1/8 S



312601

PSSu BP 1/8 C



312610

PSSu BP-C 1/8 S



312611

PSSu BP-C 1/8 C



312618

PSSu BP 1/12 S



312619

PSSu BP 1/12 C



312622

PSSu BP-C1 1/12 S



312623

PSSu BP-C1 1/12 C

## Optional accessories



312900

PSSu A ET (10 pcs.)



312901

PSSu A ETM (2 pcs.)



312902

PSSu A EC



312949

PSSu A ET PE (10 pcs.)



312958

PSSu A LA0 (10 x 108 pcs.)



312967

PSSu A LA0.1 (10 x 108 pcs.)