

PSSu E F 4DO 0.5

312210



PSSu, electronic module, failsafe, digital inputs and outputs, 4 outputs, 0.5 A, single-pole, positive-switching, short-circuit proof, overload-proof, free from feedback.

Technical details

General data

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

Technical data

Electrical data

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|----------------------------|----------------------------------|
| Terminal V ind. loads off: | U2 - 50 V |
| Permitted loads: | Resistive, Inductive, Capacitive |

Semiconductor outputs

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|---------------------------------|---------|
| DC voltage at output: | 24 V DC |
| Potential isolation S/C O: | Yes |
| S/C output short circuit proof: | Yes |







Environmental data

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|--------------------------------|---|
| 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 |

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|---------------------------------|---|
| 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 ² |
| Clearance & creepage dist. to: | EN 61131-2 |
| Overvoltage category: | II |
| Pollution degree clear.&creep.: | 2 |
| Protection type standard: | EN 60529 |
| 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: | 36 g |
| Gross weight: | 44 g |
| Name of coding element: | E |
| 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.: | 7c I |
| REACH compliance: | contains min. 1 SVHC-substance |
| REACH included substances: | Lead oxide |
| %-part of the pollutant: | > 0,1% |
| CAS No.: | 1317-36-8 |

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|--------------------------------|------------------------------|
| WEEE klassifikation (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85389091 |
| ECLASS version: | ECLASS-9.1 |
| ECLASS Reference Feature: | 27242604 |
| ETIM Version: | ETIM-7.0 |
| ETIM Reference Group: | EG000024 |
| ETIM Reference Feature: | EC001599 |

Obligatory accessories

| | | |
|---|--------|-------------------|
|  | 312610 | PSSu BP-C 1/8 S |
|  | 312623 | PSSu BP-C1 1/12 C |
|  | 312601 | PSSu BP 1/8 C |
|  | 312622 | PSSu BP-C1 1/12 S |
|  | 312600 | PSSu BP 1/8 S |
|  | 312611 | PSSu BP-C 1/8 C |



312618

PSSu BP 1/12 S



312619

PSSu BP 1/12 C

Optional accessories



312900

PSSu A ET (10 pcs.)



312902

PSSu A EC



312901

PSSu A ETM (2 pcs.)



312967

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



312958

PSSu A LA0 (10 x 108 pcs.)



312949

PSSu A ET PE (10 pcs.)