

## PSSu E F DI OZ 2-R

315220



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

### Technical details

General data	
Approval:	CE, UKCA, TÜV, EAC (Eurasian)
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	
App. site standard1 railway:	EN 50125-3
App. site to standard1 railway:	Track area (1m - 3m)
App. site standard2 railway:	EN 61373
App. site to standard2 railway:	Category 1, Class A + B

Climatic suitability to ...:	EN 50125-1, EN 60068-2-2, EN 60068-2-1, EN 50155, EN 60068-2-14, EN 50125-3
Ambient temperature standard:	EN 50155
Ambient temperature:	-40 - 70 °C
Standard 2 for ambient temp.:	EN 50125-1
Ambient temp. to standard 2:	-40 ... +70 °C
Standard 3 for ambient temp.:	EN 50125-3
Ambient temp. to standard 3:	-40 ... +70 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Condensation permitted?:	Briefly, EN 50155
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 50121-3-2, EN 61000-6-2, EN 61000-6-4
Vibration to standard ...:	EN 50125-3
Broad band noise to:	EN 61373
Broad band noise to:	EN 50125-3
Standard1 b/band noise, rail:	EN 61373
Freq. broadband noise, rail:	5 ... 150 Hz
Acc. shock to standard1:	2g
Acc. shock to standard2:	5g
Clearance & creepage dist. to:	EN 50124-1
Overvoltage category:	OV2
Pollution degree clear.&creep.:	PD2
Protection type standard:	EN 60529
<b>Mechanical data</b>	
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:	46 g
Gross weight:	46 g
Name of coding element:	G
Colour of coding element:	Yellow
<b>Environment</b>	
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548068139
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
Volume:	0.049 dm <sup>3</sup>

## Obligatory accessories










314600

PSSu BP 1/8 S-T



314611

PSSu BP-C 1/8 C-T

	314622	PSSu BP-C1 1/12 S-T
	314601	PSSu BP 1/8 C-T
	314623	PSSu BP-C1 1/12 C-T
	314618	PSSu BP 1/12 S-T
	314619	PSSu BP 1/12 C-T
	314610	PSSu BP-C 1/8 S-T
<b>Optional accessories</b>		
	312900	PSSu A ET (10 pcs.)
	312967	PSSu A LA0.1 (10 x 108 pcs.)



314902

PSSu A EC-T

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312901

PSSu A ETM (2 pcs.)

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312958

PSSu A LA0 (10 x 108 pcs.)

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312949

PSSu A ET PE (10 pcs.)

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