PSSu E F AI U-R 315265

PSSu, electronic module, failsafe, analogue inputs and outputs, 1 input,- - 10.24 - 10.23 V, dual-pole, differential input, resolution 13 Bit, for railway applications.

Technical details

General data	
Approval:	CE, UKCA, EAC (Eurasian), TÜV
Application range:	Failsafe
Technical data	
Analog inputs	
Number of analogue inputs:	1
Type of analogue inputs:	Voltage
Signal range analog input:	-10.24 V +10.2375 V
Type of input filter:	RC filter
Value least signif. bit U-Me:	2.5 mV
Resolution of analogue inputs:	13 Bit
Conversion method analog i/p:	Successive approximation
Pot. isolation analog inp./:	Yes
Inputs	
Potential isolation inputs:	yes
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
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:	37 g
Gross weight:	46 g
Name of coding element:	M
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:	27242601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001596
UNSPSC 25:	39122331
GTIN:	4046548067842
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

	314600	PSSu BP 1/8 S-T
	314601	PSSu BP 1/8 C-T
	314610	PSSu BP-C 1/8 S-T
	314611	PSSu BP-C 1/8 C-T
	314618	PSSu BP 1/12 S-T
	314619	PSSu BP 1/12 C-T
	314620	PSSu BP-C 1/12 S-T

	314621	PSSu BP-C 1/12 C-T

Optional accessories

	312900	PSSu A ET (10 pcs.)
	312901	PSSu A ETM (2 pcs.)
	312949	PSSu A ET PE (10 pcs.)
	312958	PSSu A LA0 (10 x 108 pcs.)
	312967	PSSu A LA0.1 (10 x 108 pcs.)
	314902	PSSu A EC-T