

PSSu E F AI U-T

314265



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

Technical details

General data	
Approval:	CE, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
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	
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:	-40 - 70 °C
Storage temperature standard:	EN 60068-2-1/-2

Climatic suitability standard:	EN 60068-2-30, EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	ISO 16750-4
Perm. operating height ASL:	5000 m
EMC to standard ...:	EN 61000-4-4, EN 61000-6-2, EN 61000-4-5, EN 61000-4-6, EN 61000-6-4, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Broad band noise to:	EN 60068-2-64
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	IEC 60664-1
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:	37 g
Gross weight:	46 g
Name of coding element:	M
Colour of coding element:	Yellow
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1

ECLASS Reference Feature:	27242601
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

Obligatory accessories

	314611	PSSu BP-C 1/8 C-T
	314600	PSSu BP 1/8 S-T
	314601	PSSu BP 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



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Optional accessories



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PSSu A LA0 (10 x 108 pcs.)