

PSSu E S 2AI U

312440



PSSu, electronic module, standard, analogue inputs and outputs, 2 inputs, 3 configurable voltage ranges, 0 - 10 V, single-pole, referenced to earth, -10/0 - 10 V, dual-pole, differential input, resolution 12 Bit.

Technical details

General data

Approval: CE, cULus Listed, TÜV

Application range: Standard

Technical data

Analog inputs

Number of analogue inputs:	2
Type of analogue inputs:	Voltage
Signal range analog input:	0 .. 10V (differential input), 0 .. 10V (single-ended), -10.. 10V (differential input)
Analog input signal type 1:	Single-ended
Analog input Signal range 1:	0 - 10 V
Analog input signal type 2:	Differential input
Analog input Signal range 2:	0 - 10 V
Analog input signal type 3:	Differential input
Analog input Signal range 3:	-10 - 10 V
Type of input filter:	RC filter
Resolution of analogue inputs:	12 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:	0 - 60 °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?:	Not permitted
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61000-4-4, EN 61000-6-2, EN 61000-4-5, EN 61000-6-4, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 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:	35 g
Gross weight:	44 g
Name of coding element:	D
Colour of coding element:	Dark grey

Environment	
REACH compliance:	contains min. 1 SVHC-substance
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

	312610	PSSu BP-C 1/8 S
	312601	PSSu BP 1/8 C
	312611	PSSu BP-C 1/8 C
	312600	PSSu BP 1/8 S

Optional accessories

	312900	PSSu A ET (10 pcs.)
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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.)
