

PSSu E S 2AI I se

312450



PSSu, electronic module, standard, analogue inputs and outputs, 2 inputs, 2 configurable current ranges 0/4 - 20 mA, single-pole, referenced to earth resolution 12 Bit.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, TÜV
Application range:	Standard

Technical data

Analog inputs

Number of analogue inputs:	2
Type of analogue inputs:	Current
Signal range analog input:	0 .. 20mA, 4.. 20mA
Analog input signal type 1:	Single-ended
Analog input Signal range 1:	0 - 20 mA
Analog input signal type 2:	Single-ended
Analog input Signal range 2:	4 - 20 mA
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
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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
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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 61000-4-6, EN 61000-6-4, 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
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:	36 g
Gross weight:	44 g
Name of coding element:	D
Colour of coding element:	Dark grey
Environment	

RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
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:	4046548027136
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



312600

PSSu BP 1/8 S



312601

PSSu BP 1/8 C



312610

PSSu BP-C 1/8 S



312611

PSSu BP-C 1/8 C

Optional accessories



312900

PSSu A ET (10 pcs.)



312901

PSSu A ETM (2 pcs.)



312902

PSSu A EC



312949

PSSu A ET PE (10 pcs.)



312958

PSSu A LA0 (10 x 108 pcs.)



312967

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