

PSS u2 ES 4AI I

328520



PSS u2, electronic module, standard, 4 inputs, current -0.1 - 25.6 mA, dual-pole, differential input, resolution 15 Bit, current limitation per input, potential separation, 2 dataformats, 5 integrated evaluation functions per input: Scaling, moving average 0.1 - 20 ms, monitoring based on NAMUR NE43, monitoring of 4 areas, monitoring of 8 threshold values, 1-row, terminal block PSS u2 T 16 required (not supplied with the system).

Technical details

General data

Approval: CE, UKCA

Application range: Standard

Technical data

Analog inputs

Number of analogue inputs: 4

Type of analogue inputs: Current

Analog input signal type 1: Differential input

Analog input Signal range 1: 0 - 25.6 mA

Type of input filter: RC filter, 1st order

R analog current i/p+thresh.V: 100 Ohm + ca. 1.6V threshold V

Resolution of analogue inputs: 15 Bit

Monotony without error codes: yes

Conversion method analog i/p: Successive approximation

Max.processing.time analog i/p: tInput filter + 0.1 ms

Potential isol. Analogue input: 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 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Not permitted
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61131-2 (Zone B)
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	150 m/s ²
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Potential separation	
Potential isolation 1 between:	Analogue i/p and module supply
Type of potential isolation 1:	Functional insulation
Potential isolation 2 between:	Anal. i/p and periph. supply
Type of potential isolation 2:	Functional insulation
Potential isolation 3 between:	Periphery and module supply
Type of potential isolation 3:	Functional insulation
Mechanical data	
Housing material:	PC
Terminal style:	plug-in
Height dimension:	110.8 mm
Width dimension:	12.5 mm
Depth dimension:	72.5 mm
Net weight:	37 g
Gross weight:	53 g
Environment	
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)

Commercial data

Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548072303
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
Volume:	0.270

Obligatory accessories



328850

PSS u2 T 16 (1 pc.)

Optional accessories



328913

PSS u2 A LA E1 (10 pcs.)



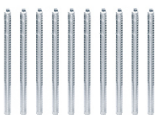
328914

PSS u2 A LA E2 (10 pcs.)



328911

PSS u2 A LC E2 (10 pcs.)



328912

PSS u2 A LC T3 (10 pcs.)



328851

PSS u2 T 16 (10 pcs.)



328860

PSS u2 A CE E (10 pcs.)



328810

PSS u2 B 4



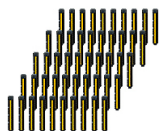
328811

PSS u2 B 1



328910

PSS u2 A LC E1 (10 pcs.)



328852

PSS u2 T 16 (5 x 10 pcs.)



328820

PSS u2 A SH 4 (10 pcs.)