

## PSS u2 EF 8DI

328101



PSS u2, electronic module, failsafe, 8 inputs, pulse stretching, discrepancy monitoring, test pulse outputs with 24 V DC 0.25 A, configurable, short circuit-proof, 1-row, terminal block PSS u2 T 16 required (not supplied with the system).

## Technical details

General data	
Approval:	CE, cULus Listed, TÜV
Application range:	Failsafe
Technical data	
Inputs	
Signal level at input at 0:	-3 - +5 VDC
DC voltage at input:	24 V DC
Input type to EN 61131-2:	3
Software filter time:	0 ms ... 10 ms
Potential isolation input:	Yes
Test clock outputs	
Number of test pulse outputs:	4
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 <sup>2</sup>
Clearance & creepage dist. to:	EN 61131-2, UL/IEC 61010-2-201
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
<b>Potential separation</b>	
Potential isolation 1 between:	Input and module supply
Type of potential isolation 1:	Functional insulation
Potential isolation 2 between:	Test pulse o/p and mod. supply
Type of potential isolation 2:	Functional insulation
<b>Mechanical data</b>	
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:	46 g
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242610
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

## Obligatory accessories



328850

PSS u2 T 16 (1 pc.)

## Optional accessories



328913

PSS u2 A LA E1 (10 pcs.)



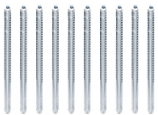
328914

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

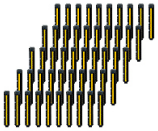
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328910

PSS u2 A LC E1 (10 pcs.)

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328852

PSS u2 T 16 (5 x 10 pcs.)

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