



PSSu, compact module, failsafe, counter, safe motion monitoring, 2 outputs, failsafe, 0.5 A, single-pole, positive-switching, shortcircuit-proof, overload-proof, free from feedback, 1 output, standard, 0.5 A, single-pole, positive-switching, short circuit-proof, 1 combined input and output CIO for cascading, standard, 1 input for encoder, Mini-IO female connector, 8-pin, 2 inputs for proximity switch.

## Technical details

General data	
Approval:	CE, cULus Listed, TÜV
Application range:	Failsafe
Technical data	
Electrical data	
Purpose of U1:	Module supply
Supply voltage (V):	5 - 5 V
Type of supply voltage U1:	DC
Power consumption DC:	1.1 W
Purpose of U2:	Periphery supply
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Tolerance of U2:	-30 %/+25 %
Type of supply voltage U3:	DC
Tolerance of U3:	-30 %/+25 %
Input proximity switch	
Prog. mon.fun. wo hyst prox sw:	0.1 Hz - 5 kHz
Input incremental encoder	
Connection (increment encoder):	8-pin Mini-IO female connector
Phase pos. diff.sign. inc. enc.:	90° ±30°

Prog. mon. fun. wo hyst. incr.:	0.1 Hz - 500 kHz
Semiconductor outputs	
Potential isolation S/C O:	Yes
Potent. isol. S/C O to I:	Yes
S/C output short circuit proof:	Yes
Perm. load 1pole Output:	Resistive, Inductive, Capacitive
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 61000-6-2, EN 61000-4-4, 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
Times	
Reaction time over limit value:	1/f_actual + 10ms
Mechanical data	
Housing material lower section:	PC
Housing material front plate:	PC
Connection terminal:	Connector strip

Terminal style:	plug-in
Height dimension:	128.9 mm
Width dimension:	56 mm
Depth dimension:	56 mm
Net weight:	150 g
Gross weight:	160 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:	27242604
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

## Obligatory accessories

313114

PSSu A Con Set1 C



## Optional accessories

773871

PNOZ msi S15



773870

PNOZ msi S09





772201

MM A MINI-IO CAB99 2.5m

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772200

MM A MINI-IO CAB99 1.5m

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773872

PNOZ msi S025

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772202

MM A MINI-IO CAB99 5.0m

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773845

PNOZ msi b4 Box

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