

PSSu K F FAU P

312421



PSSu, compact module, failsafe, special module, analysis unit for PSENvip, productive version, 1 interface PSENvip receiver, 1 interface PSENvip transmitter, 4 inputs, 2 test pulse outputs 0.25 A, 2 outputs, 1,75 A, single-pole, plus-switching, short-circuit proof, overload-proof, free from feedback, 2 outputs, 3 A, dual-pole, short-circuit proof, overload-proof, high discharge voltage, free from feedback, 2 Ethernet interfaces, 100 MBit/s.

Technical details

General data

Approval:	CE, cULus Listed, TÜV, EAC (Eurasian)
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:	5 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 %

Inputs

Number of inputs:	4
DC voltage at input:	24 V DC
Potential isolation inputs:	yes

Semiconductor outputs

Potential isolation S/C O:	Yes
S/C output short circuit proof:	Yes
Perm. load 1pole Output:	Resistive, Inductive, Capacitive
Semiconductor outputs 2-pole	
Number 2-pin SC outputs:	2
Pot. isolation 2pole S/C O:	Yes
2pole S/C O short circ. proof:	Yes
Test clock outputs	
Number of test pulse outputs:	2
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:	5000 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
Mechanical data	
Mounting position:	vertical
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:	200 g
Gross weight:	215 g
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:	27242604
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

Obligatory accessories



313115

PSSu A Con 1/10 C (2 pcs.)

Optional accessories



313118

PSSu A Con 4 C