

PSSu K S 8DI 8DO 0.5

312431



PSSu, electronic module, standard, digital inputs and outputs, 8 inputs, 8 outputs, single-pole, positive-switching, short-circuit proof, overload-proof.

Technical details

General data

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

Technical data

Electrical data

Type of supply voltage U3:	DC
Tolerance of U3:	-30 %/+25 %
Max. device circuit breaker:	10 A
Permitted loads:	Resistive, Inductive, Capacitive

Inputs

U input to EN 61131-2 Type 1:	24 V DC
Potential isolation inputs:	yes

Semiconductor outputs

DC voltage at output:	24 V DC
Potent. isol. S/C O to I:	Yes
S/C output short circuit proof:	Yes

Voltage outputs

Potential isolation U2 outputs:	Yes
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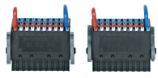
Environmental data

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 61000-4-8, EN 55011: Class A, EN 61000-4-9, EN 61000-4-11, EN 61000-4-4, EN 61000-4-5, 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, EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Mechanical data	
Housing material lower section:	PC
Housing material front plate:	PC
Housing material label holder:	PC
Terminal style:	plug-in
Height dimension:	128.9 mm
Width dimension:	30 mm
Depth dimension:	56 mm
Net weight:	89 g
Gross weight:	105 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	

Harmonized System Code:	85389091
UNSPSC 25:	39111609
EAN-Code:	4046548056037
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
Volume:	0.358 dm3

Obligatory accessories



313116

PSSu A Con 3/30 C (2 pcs.)



313115

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

Optional accessories



312966

PSSu A LC 0.1 (5 pcs.)



312900

PSSu A ET (10 pcs.)



312902

PSSu A EC



312901

PSSu A ETM (2 pcs.)



312967

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



312958

PSSu A LA0 (10 x 108 pcs.)



312949

PSSu A ET PE (10 pcs.)
