

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, 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

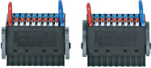

Environmental data

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 60068-2-30, 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	

ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

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.)