

PSSu E F 2DOR 8-T

314225



PSSu, electronic module, failsafe, digital inputs and outputs, 2 outputs, relay contacts, 8 A, N/O, potential-free, for increased environmental requirements.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, KOSHA, EAC (Eurasian), TÜV
Application range:	Failsafe

Technical data

Electrical data

Permitted loads:	Resistive, Inductive
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Relay outputs

Number of relay outputs:	2
Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
Voltage AC1 safety cont.:	250 V
Max. current AC1 safety cont.:	8 A
Voltage DC1 safety cont.:	24 V
Max. current DC1 safety cont.:	8 A
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Voltage AC15 safety cont.:	230 V
Max. current AC15 safety cont.:	3 A
Voltage DC13 safety cont.:	24 V
Safety contacts: AC at UL:	250 VAC G.U. (same polarity)
Safety contacts: pilot duty:	B300, R300
Typ. process time relay o/p ON:	20 - 60 ms

Relay contact material:	AgCuNi
Addit. contact details relay:	+ 0.2 µm Au
Pot.isol. RICont - Uint1:	4900 V (safe separation)
Pot.isol. RICont to U2:	4900 V (safe separation)
Pot.isol. RICont1 to CRail:	3050 V (basic insulation)
Pot.isol. RICont1 to RICont2:	4900 V (safe separation)
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:	-40 - 70 °C
Ambient temp. with UL:	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?:	Briefly
Perm. operating height ASL:	5000 m
EMC to standard ...:	EN 12015, EN 12016, EN 61000-6-2, EN 61000-6-4, EN 61131-2 (Zone B)
Vibration to standard ...:	EN 60068-2-6
Broad band noise to:	EN 60068-2-64
Acc. shock to standard1:	150 m/s ²
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Protection type, housing:	IP20
Potential separation	
Type of potential isolation 1:	Safe separation
Type of potential isolation 2:	Safe separation

Type of potential isolation 3:	Safe separation
Type of potential isolation 4:	Safe separation
Mechanical data	
Housing material lower section:	PC
Housing material front plate:	PC
Housing material code:	PA
Terminal style:	plug-in
Height dimension:	76 mm
Width dimension:	25.2 mm
Depth dimension:	60.2 mm
Net weight:	91 g
Gross weight:	100 g
Name of coding element:	H
Colour of coding element:	Yellow
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
UNSPSC 25:	39122331
GTIN:	4046548049183
Volume:	0.146 dm ³

Harmonized System Code:	85389091
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Obligatory accessories



314628

PSSu BP 2/16 S-T



314629

PSSu BP 2/16 C-T



314630

PSSu BP-C 2/8 S-T



314631

PSSu BP-C 2/8 C-T

Optional accessories



312900

PSSu A ET (10 pcs.)



312901

PSSu A ETM (2 pcs.)



312949

PSSu A ET PE (10 pcs.)



312958

PSSu A LA0 (10 x 108 pcs.)



312967

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



314902

PSSu A EC-T