

## PSSu E F 2DOR 8

312225



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

## Technical details

General data	
Approval:	CE, UKCA, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
Application range:	Failsafe
Technical data	
Electrical data	
Permitted loads:	Resistive, Inductive
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)
<b>Environmental data</b>	
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
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?:	Not permitted
Perm. operating height ASL:	2000 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
Acc. shock to standard1:	150 m/s <sup>2</sup>
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
<b>Potential separation</b>	
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:	90 g
Gross weight:	99 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:	yes
RoHS except.s acc. to direct.:	7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	1317-36-8
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85389091
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599

## Obligatory accessories



312631

PSSu BP-C 2/16 C



312629

PSSu BP 2/16 C



312628

PSSu BP 2/16 S



312630

PSSu BP-C 2/16 S

## Optional accessories



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.)