

## PSSu E F 2DOR 8-R

315225



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

## Technical details

General data	
Approval:	CE, UKCA, EAC (Eurasian), TÜV
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
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	
App. site standard1 railway:	EN 50125-3
App. site to standard1 railway:	Track area (1m - 3m)
App. site standard2 railway:	EN 61373
App. site to standard2 railway:	Category 1, Class A + B
Climatic suitability to ...:	EN 50125-1, EN 60068-2-2, EN 60068-2-1, EN 50155, EN 60068-2-14, EN 50125-3
Ambient temperature standard:	EN 50155
Ambient temperature:	-40 - 70 °C
Standard 2 for ambient temp.:	EN 50125-1
Ambient temp. to standard 2:	-40 ... +70 °C
Standard 3 for ambient temp.:	EN 50125-3
Ambient temp. to standard 3:	-40 ... +70 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Condensation permitted?:	Briefly, EN 50155,
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 50121-3-2, EN 61000-6-2, EN 61000-6-4
Vibration to standard ...:	EN 50125-3
Broad band noise to:	EN 61373
Broad band noise to:	EN 50125-3
Standard1 b/band noise, rail:	EN 61373
Freq. broadband noise, rail:	5 ... 150 Hz
Acc. shock to standard1:	2g
Acc. shock to standard2:	5g

Clearance & creepage dist. to:	EN 50124-1
Overtoltage category:	OV2
Pollution degree clear.&creep.:	PD2
Protection type standard:	EN 60529
Terminal protection type:	IP20
<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
<b>Mechanical data</b>	
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:	93 g
Gross weight:	100 g
Name of coding element:	H
Colour of coding element:	Yellow
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548067811

ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001599
Volume:	0.146 dm3

## Obligatory accessories



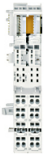
314628

PSSu BP 2/16 S-T



314629

PSSu BP 2/16 C-T



314631

PSSu BP-C 2/8 C-T



314630

PSSu BP-C 2/8 S-T

## Optional accessories



312900

PSSu A ET (10 pcs.)



314902

PSSu A EC-T



312967

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

---



312901

PSSu A ETM (2 pcs.)

---



312958

PSSu A LA0 (10 x 108 pcs.)

---



312949

PSSu A ET PE (10 pcs.)

---