

PSSu E F PS2-R

315192



PSSu, electronic module, failsafe, supply voltage, infeed module supply 24 V DC 1 A buffered (20 ms), infeed periphery supply 24 V DC 10 A, infeed C-rail 10 A, for railway applications.

Technical details

General data	
Approval:	CE, UKCA, TÜV, EAC (Eurasian)
Application range:	Standard/failsafe
Technical data	
Electrical data	
Purpose of U1:	Module supply
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	7 W
Purpose of U2:	Periphery supply
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Tolerance of U2:	-30 %/+25 %
Potential isolation U1 to U2:	2500 V
Purpose of UINT1:	int. system voltage
Tolerance of UINT1:	-2 %/+3 %
Max. curr. contin. oper. UINT1:	1 A
UINT1 short circuit proof:	Yes
Environmental data	
App. site standard ¹ 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
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
Overvoltage category:	OV2
Pollution degree clear.&creep.:	PD2
Protection type standard:	EN 60529
Terminal protection type:	IP20
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:	53 g
Gross weight:	62 g
Name of coding element:	B
Colour of coding element:	Yellow
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85044095
UNSPSC 25:	39122331
EAN-Code:	4046548067774
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242611
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC002583
Volume:	0.146 dm ³

Obligatory accessories



314655

PSSu BS-R 2/8 C-T



314654

PSSu BS-R 2/8 S-T

Optional accessories



312900

PSSu A ET (10 pcs.)



312967

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



314902

PSSu A EC-T



312901

PSSu A ETM (2 pcs.)



312958

PSSu A LA0 (10 x 108 pcs.)



312949

PSSu A ET PE (10 pcs.)