

PSS u2 EF 4DO 2A -R

327133



PSS u2, electronic module, failsafe, 4 outputs, semiconductor, 2 A, single-pole, switch-off delay, positive-switching, short circuit proof, overload proof, 1-row, for increased environmental requirements and railway applications, terminal block PSS u2 T 8 required (not included in the scope of delivery).

Technical details

General data	
Approval:	CE, TÜV
Application range:	Failsafe
Technical data	
Electrical data	
Permitted loads:	Resistive, Inductive, Capacitive
Semiconductor outputs	
Potential isolation S/C O:	Yes
S/C output short circuit proof:	Yes
Relay outputs	
Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
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:	Kategorie 1, Klasse A + 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:	-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
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	95 % r. h. at 40 °C
Perm. operating height ASL:	5000 m
EMC to standard ...:	EN 50121-4, 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
Standard1 b/band noise, rail:	P_BREITB_RAUSCH_NORM1_BAHN_EN 50125-3
Freq. broadband noise, rail:	P_BREITB_RAUS_NORM1_FREQ_BAHN_5 ... 2000 Hz
Accel. broadband noise, rail:	5,7 m/s ² eff.
Acc. shock to standard1:	20 m/s ²
Clearance & creepage dist.to 2:	EN 50124-1
Overvoltage category 2:	OV2
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Potential separation	
Potential isolation 1 between:	SC output and module supply
Type of potential isolation 1:	Functional insulation
Potential isolation 2 between:	Periphery and module supply
Type of potential isolation 2:	Functional insulation
Mechanical data	
Housing material:	PC
Terminal style:	plug-in
Height dimension:	110.8 mm

Width dimension:	12.5 mm
Depth dimension:	72.5 mm
Net weight:	34 g
Gross weight:	43 g
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:	4046548103571
Volume:	0.216 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



328840

PSS u2 T 8 (1 pc.)

Optional accessories



328913

PSS u2 A LA E1 (10 pcs.)



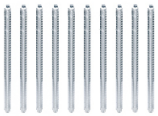
328914

PSS u2 A LA E2 (10 pcs.)



328911

PSS u2 A LC E2 (10 pcs.)



328912

PSS u2 A LC T3 (10 pcs.)



328860

PSS u2 A CE E (10 pcs.)



328910

PSS u2 A LC E1 (10 pcs.)



328841

PSS u2 T 8 (10 pcs.)



327810

PSS u2 B 4 -R



328842

PSS u2 T 8 (5 x 10 pcs.)