

PSS u2 EF 2DO R 8A

328150



PSS u2, electronic module, failsafe, digital inputs and outputs, 2 outputs, relay contacts, N/O, to switch resistive and inductive loads, max. 250 V AC 10 A (AC1), volt-free, switch-off delay configurable, protective coding PSS u2 A CE T available for terminal block, 2-row, terminal block PSS u2 T 8 required (not supplied with the system).

Technical details

General data	
Approval:	CE, cULus Listed, TÜV
Application range:	Failsafe
Technical data	
Electrical data	
Potential isolation U2:	Yes
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.:	10 A
Voltage DC1 safety cont.:	24 V
Max. current DC1 safety cont.:	10 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

Relay contact material:	AgCuNi
Addit. contact details relay:	+ 0.2 µm Au
Pot. isolation relay outputs:	Yes
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:	0 - 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 61131-2 (Zone B)
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	150 m/s ²
Clearance & creepage dist.to 2:	EN 60664-1
Overvoltage category 2:	III
Clearance & creepage dist. to:	EN 61131-2, UL/IEC 61010-2-201
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Potential separation	
Potential isolation 1 between:	RL output and RL output
Type of potential isolation 1:	Safe separation
Potential isolation 2 between:	RL output and periphery supply
Type of potential isolation 2:	Safe separation
Potential isolation 3 between:	RL output and module supply
Type of potential isolation 3:	Safe separation

Potential isolation 4 between:	Periphery and module supply
Type of potential isolation 4:	Functional insulation
Mechanical data	
Housing material:	PC
Terminal style:	plug-in
Height dimension:	110.8 mm
Width dimension:	25 mm
Depth dimension:	72.5 mm
Net weight:	93 g
Gross weight:	110 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

Obligatory accessories

328861

PSS u2 A CE T (10 pcs.)

XXXXXXXXXX



328840

PSS u2 T 8 (1 pc.)

Optional accessories



328913

PSS u2 A LA E1 (10 pcs.)



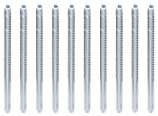
328914

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.)



328810

PSS u2 B 4



328811

PSS u2 B 1



328910

PSS u2 A LC E1 (10 pcs.)



328841

PSS u2 T 8 (10 pcs.)

328842

PSS u2 T 8 (5 x 10 pcs.)

