



Head module for PSS u2 in remote I/O system, failsafe and standard, 2 RJ45 female connectors, PROFINET with PROFI-safe profile, Conformance Class C (CC-C), IRT/RT, separate PROFI-safe groups for FS inputs and FS outputs, integrated supply voltage for connecting module supply and periphery supply, potential isolation, connection for functional earth, slot for microSD card

## Technical details

### General data

Approval:	CE, UKCA, cULus Listed, KOSHA, 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:	28.8 W
Potential isolation U1:	Yes
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 U2:	Yes

#### PROFINET interface

Settable trans.rate PROFINET:	100 MBit/s
Trans. rate setting PROFINET:	Automatic
PROFINET certification:	PNO
PROFINET manufacturer ID:	092Fh

Connector type PROFINET i/f:	RJ45
PROFINET type:	IO device
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 <sup>2</sup>
Clearance & creepage dist. to:	EN 61131-2, UL/IEC 61010-2-201
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Potential separation	
Potential isolation 1 between:	UB and periphery supply
Type of potential isolation 1:	Functional insulation
Potential isolation 2 between:	UB and module supply
Type of potential isolation 2:	Functional insulation
Potential isolation 3 between:	Periphery and module supply
Type of potential isolation 3:	Functional insulation
Potential isolation 4 between:	Module supply and PROFINET
Type of potential isolation 4:	Functional insulation
Mechanical data	
Housing material:	PC, PPE

Housing material lower section:	PPE
Housing material upper part:	PC
Connection terminal:	Spring-loaded terminal
Terminal style:	plug-in
Height dimension:	110.1 mm
Width dimension:	64.1 mm
Depth dimension:	94.7 mm
Net weight:	240 g
Gross weight:	250 g
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242608
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

## Obligatory accessories



328831

PSS u2 T 9 SD (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.)



328835

μSD Card 512MB industrial



328910

PSS u2 A LC E1 (10 pcs.)



328820

PSS u2 A SH 4 (10 pcs.)