

PSSu, head module, decentralised system PSSuniversal I/O, failsafe and standard, PL e, SIL CL 3, 2 RJ45 Ports, SafetyNET p RTFN, SD 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:	16 W
Purpose of U2:	Periphery supply
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Tolerance of U2:	-30 %/+25 %
Purpose of UINT1:	int. system voltage
Type of UINT1:	DC
Tolerance of UINT1:	-2 %/+3 %
Max. curr. contin. oper. UINT1:	2 A
Bridge U-interrupt UINT1 stan.:	EN 61131-2, EN 61496-1
UINT1 short circuit proof:	Yes
Programming	

IEC 61131 programming:	No
Multi programming:	No
Non-volatile variables:	No
CPU	
Time deviation:	+/- 10s/day
RAM:	128 MB
Removable storage media	
Plug-in memory:	SD card
SafetyNET p interface	
Connector type Safetynet i/f:	RJ45
Safetynet transmission rate:	100 MBit/s
Setting SafetyNet trans.rate:	Automatic
SafetyNET p cycle time:	2 ... 60 000 ms
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:	0 - 60 °C
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
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 60664-1, EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Potential separation	
Potential isolation 1 between:	Periphery and module supply

Type of potential isolation 1:	Functional insulation
Potential isolation 2 between:	Periphery supply & system V.
Type of potential isolation 2:	Functional insulation
Mechanical data	
Housing material lower section:	PC
Connection terminal:	Spring-loaded terminal, Screw terminal
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	125.6 mm
Width dimension:	130 mm
Depth dimension:	83.7 mm
Net weight:	365 g
Gross weight:	405 g

Obligatory accessories

313110 PSSu A Con 1/4 S (2 pcs.)

313111 PSSu A Con 2/8 C (2 pcs.)



Optional accessories

312065 PSSu H m F DP SN SD

380070 Stripping Tool





312066

PSSu H m F DPsafe SN SD



380001

SN CAB RJ45s RJ45s, 0,5m



380000

SafetyNET p Cable per mtr



380005

SN CAB RJ45s RJ45s, 2m



312958

PSSu A LA0 (10 x 108 pcs.)



380003

SN CAB RJ45s RJ45s, 1m



380400

SafetyNET p Connector RJ45s



380009

SN CAB RJ45s RJ45s, 10m



380007

SN CAB RJ45s RJ45s, 5m



314070

PSSu H PLC1 FS SN SD-T



312070

PSSu H PLC1 FS SN SD



314071

PSSu H PLC1 FS SN SD M12-T



312071

PSSu H PLC1 FS DP SN SD



312900

PSSu A ET (10 pcs.)



380650

PSSnet SHL 6T 2FSMSC MRP



312902

PSSu A EC



312901

PSSu A ETM (2 pcs.)



312967

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



312949

PSSu A ET PE (10 pcs.)
