

PSSu H PLC2 FS SN SD

312077



Head module, SafetyNET p, PL e, SIL CL3

Technical details

General data

Approval:	CE, UKCA, cULus Listed, 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:	17 W
Purpose of U2:	Periphery supply
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Tolerance of U2:	-30 %/+25 %
Pot. isolation UINT1 to U2:	P_UINT1_5V_U_2_POT_TRENN_2000 V
Potential isolation U1 to U2:	P_U_1_U_2_POT_TRENN_2000 V
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.:	P_UEBER_SP_EINB_UINT1_5V_NORM_EN 61131-2

UINT1 short circuit proof:	Yes
Programming	
IEC 61131 programming:	Yes
Multi programming:	Yes
Non-volatile variables:	Yes
CPU	
Time deviation:	+/- 10s/day
RAM:	256 MB
User memory total:	4 MB
NV user memory FS section:	382 kB
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
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:	Slave
Cycle time PROFINET IO DEVICE:	4 ... 512 ms
Modbus/TCP	
MODBUS cycle time:	2 ... 2 000 000 ms
EtherNet/IP Adapter	
Cycle time EtherNet/IP:	4...655 000 ms

EDS file EtherNet/IP:	00B5000C00010100.eds
Device type EtherNet/IP:	Adapter
Supported EtherNet/IP RPI:	4...655 000 ms
Raw UDP	
RAW UDP cycle time:	2 ... 2 000 000 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 61000-6-2, EN 61000-6-4, EN 61131-2 (Zone B)
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	150 m/s ²
Clearance & creepage dist. to:	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:	Screw terminal, Spring-loaded 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:	345 g
Gross weight:	385 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85371091
UNSPSC 25:	32131023
EAN-Code:	4046548088052
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236
Volume:	1.264

Obligatory accessories



317801

PASkey SD Card 4GB



313110

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



313111

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



313103

SD Memory Card 4GB mit PSSu Halter



313102

SD Memory Card 1GB mit PSSu Halter

Optional accessories



380000

SafetyNET p Cable per mtr



380070

Stripping Tool



380316

M12 con., straight, male, 4 pin, D