3SU1400-1LK10-1AA1

Data sheet



SIRIUS ACT with PROFINET: standard interface module 24 V DC, screw terminal, front plate mounting 1 to 20 terminal modules connectable

product type designation product type designation product type designation Susual Sus	product brand name	SIRIUS ACT		
display version • for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link * reverse polarity protection • respectively protection • reverse polarity of the Tta Portal Ry Page • of units per rack maximum 20 0.67 W Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of submodules per station maximum 24 power loss [W] typical 0.67 W Insulation voltage rated value 30 V degree of pollution 3 type of voltage • of the operating voltage • of the input voltage • of the operating voltage • of the input voltage • of the input voltage • of the input voltage • of the input voltage • of the input voltage • of the operating voltage • of the input voltage • of the operating voltage • of the input voltage • of the operating voltage resistance rated value 0.8 kV consumed current • maximum • rated value • of the operating voltage rated value 0.008 Ar's Substance Prohibitance (Date) 0.008 Ar's Substance Prohibitance (Date) 0.008 Ar's Supply voltage at DC rated value 24 V Communication (Protecol protection is supported	product designation	Interface module for PROFINET		
display version • for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link Ceneral technical data Product function • reverse polarity protection • reverse polarity protection • lalmma • lalmd data Yes • lalM data firmware version configuration function with dataset yes software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum power loss [W] typical number of units per rack maximum power loss [W] typical degree of pollution 3 Vyes • of the operating voltage • of the input voltage • of the input voltage sortware variance and value consumed current • maximum • rated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage supply voltage at a DC rated value 24 V Communication Protocol protocol is supported	product type designation	3SU1		
• for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link Product function • reverse polarity protection • diagnostics function • lalarms • lalM data firmware version • lal configuration function with dataset software version of 1 configuration function with dataset software version with STEP 7 in the TIA Portal required number of units per rack maximum 20 number of units per rack maximum 21 number of units per rack maximum 22 number of submodules per station maximum 24 power loss [W] typical insulation voltage rated value 30 v degree of pollution 3 type of voltage • of the operating voltage • of the input voltage of the input voltage Trace voltage resistance rated value 28 mA protection class IP reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12 t value 0.08 A*s Supply voltage supply voltage supply voltage 24 V Communication/ Protocol protocol is supported	Display			
LED status Tx/Rx link Yes General technical data product function reverse polarity protection Yes alarms (Name of the input voltage rated value e of the operating voltage rated value maximum maximum maximum maximum maximum maximum maximum maximum naximum naximum naximum naximum naximum naximum naximum number of voltage not the operating voltage not the operating voltage not the operating voltage naximum number of voltage rated value number of voltage not the operating voltage not the operating voltage naximum number of voltage resistance rated value number of voltage resistance voltage volt	display version			
Product function Preverse polarity protection Yes Alagnostics function Preverse polarity protection Yes Alagnostics function Alagnostics function Yes Alagnostics function Alagnostics function Yes Alagnostics function Alagnostics funct		Yes		
product function • reverse polarity protection • diagnostics function • reverse polarity protection • diagnostics function • alarms • Yes • l&M data • Yes; l&M0 l&M3 firmware version • 2.1.1 hardware version • configuration function with dataset ves software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical insulation voltage rated value 30 V degree of pollution 3 type of voltage • of the operating voltage • of the operating voltage • of the poperating voltage • of the po	 status Tx/Rx link 	Yes		
reverse polarity protection diagnostics function diagnostics function residence of the operating voltage of the operating voltage of the input voltage of the input voltage of the operating voltage residence are task voltage reference code according to IEC 81346-2 Substance Prohibitance (Date) one Age and Date are task voltage reference code according to IEC 81346-2 Supply voltage supply voltage supply voltage supprotection is supported version supported version supported version supported version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of submodules per station maximum 20 number of submodules per station maximum 24 power loss [W] typical number of submodules per station maximum 24 power loss [W] typical 30 V degree of pollution 3 type of voltage of the operating voltage of the input voltage OC surge voltage resistance rated value 0.8 kV consumed current • maximum • rated value 28 mA protection class IP reference code according to IEC 81346-2 K Substance Prohibitance (Date) operating voltage rated value 20.4 V 12t value 0.008 A ² ·s Supply voltage supply voltage supply voltage protocol is supported	General technical data			
diagnostics function alarms likil data Yes likil data Yes; likilo	product function			
• alarms • 1&M data Yes; 1&M0 1&M3 firmware version 2.1.1 hardware version 1 configuration function with dataset Yes software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical 0.67 W insulation voltage rated value 30 V degree of pollution 3 type of voltage • of the operating voltage • of the input voltage surge voltage resistance rated value 0.8 kV consumed current • maximum • rated value 28 mA protection class IP reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 operating voltage supply voltage supply voltage supply voltage supply voltage supply voltage supply voltage supported 24 V Communication/ Protocol protocol is supported	 reverse polarity protection 	Yes		
• I&M data Yes; I&MO I&M3 firmware version 2.1.1 hardware version 1 configuration function with dataset Yes software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical 0.67 W insulation voltage rated value 30 V degree of pollution 3 type of voltage • of the operating voltage DC • of the input voltage are tend value 0.8 kV consumed current • maximum 100 mA • rated value 28 mA protection class IP reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 operating voltage supply voltage at DC rated value 24 V Communication/ Protocol	 diagnostics function 	Yes		
firmware version 2.1.1 hardware version 1 configuration function with dataset Yes software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical 0.67 W insulation voltage rated value 30 V degree of pollution 3 type of voltage of the operating voltage of the operating voltage DC surge voltage resistance rated value 0.8 kV consumed current omaximum 100 mA rated value 28 mA protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 operating voltage rated value 2.4 V Lit value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	• alarms	Yes		
hardware version 1 configuration function with dataset Yes software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical 0.67 W insulation voltage rated value 30 V degree of pollution 3 type of voltage 0C of the operating voltage 0C surge voltage resistance rated value 0.8 kV consumed current 100 mA 1	• I&M data	Yes; I&M0 I&M3		
configuration function with dataset software version with STEP 7 in the TIA Portal required Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14) number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical 0.67 W insulation voltage rated value 30 V degree of pollution 3 type of voltage of the operating voltage of the input voltage DC surge voltage resistance rated value 0.8 kV consumed current maximum rated value 28 mA protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 20.4 V Izt value 0.008 A²-s Supply voltage surge voltage at DC rated value 24 V Communication/ Protocol protocol is supported	firmware version	2.1.1		
software version with STEP 7 in the TIA Portal required number of units per rack maximum 20 number of submodules per station maximum 24 power loss [W] typical insulation voltage rated value degree of pollution 30 V degree of pollution 40 of the operating voltage 60 of the input voltage 60 of the input voltage 60 surge voltage resistance rated value 60 maximum 60 rated value 70 maximum 70 mA 70 erated value 71 perference code according to IEC 81346-2 80 Substance Prohibitance (Date) 71 operating voltage 72 supply voltage 80 supported 80 su	hardware version	1		
number of units per rack maximum number of submodules per station maximum 24 power loss [W] typical insulation voltage rated value 30 V degree of pollution 3 type of voltage of the operating voltage of the input voltage poc surge voltage resistance rated value maximum maximum rated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) poerating voltage rated value 20 Na kV 21 tyalue 0.008 A²-s Supply voltage supported	configuration function with dataset	Yes		
number of submodules per station maximum power loss [W] typical insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage of the input voltage tonsumed current maximum rated value reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 20.4 V 12t value supply voltage supply voltage at DC rated value 24 0.67 W 100 W 100 W 100 M 28 mA 100 mA 28 mA 100 mA 12/19/2016	software version with STEP 7 in the TIA Portal required	Integrated in TIA Portal Version 14 SP1 or higher (HSP for V13 and V14)		
power loss [W] typical insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage of the input voltage Toc surge voltage resistance rated value maximum rated value reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 20.4 V 12t value supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	number of units per rack maximum	20		
insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage of the input voltage DC surge voltage resistance rated value onsumed current onsaimum rated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 20.4 V Izt value supply voltage supply voltage supply voltage supported reforence ode supported 24 V Communication/ Protocol protocol is supported	number of submodules per station maximum	24		
degree of pollution type of voltage of the operating voltage of the input voltage of the input voltage DC surge voltage resistance rated value onsumed current omaximum rated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 20.4 V Izt value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	power loss [W] typical	0.67 W		
type of voltage of the operating voltage of the input voltage DC surge voltage resistance rated value consumed current of maximum rated value protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 Substance Prohibitance (Date) Operating voltage rated value 12t value 0.008 A²-s Supply voltage supply voltage supply voltage supply voltage supported	insulation voltage rated value	30 V		
of the operating voltage of the input voltage onsumed current omaximum orated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 12/19/2016 operating voltage rated value 20.4 V 12t value 0.008 A²-s Supply voltage supply voltage supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	degree of pollution	3		
of the input voltage surge voltage resistance rated value 0.8 kV consumed current • maximum • rated value 28 mA protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	type of voltage			
surge voltage resistance rated value consumed current • maximum • rated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) operating voltage rated value 12/19/2016 operating voltage rated value 20.4 V Izt value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	 of the operating voltage 	DC		
consumed current • maximum • rated value 28 mA protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 K Substance Prohibitance (Date) operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	of the input voltage	DC		
maximum rated value rated value protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	surge voltage resistance rated value	0.8 kV		
● rated value protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 K Substance Prohibitance (Date) operating voltage rated value 12/19/2016 operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	consumed current			
protection class IP IP20, clamping screw tightened reference code according to IEC 81346-2 K Substance Prohibitance (Date) operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	• maximum	100 mA		
reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	rated value	28 mA		
Substance Prohibitance (Date) operating voltage rated value 20.4 V 12t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	protection class IP	IP20, clamping screw tightened		
operating voltage rated value 20.4 V I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	reference code according to IEC 81346-2	K		
I2t value 0.008 A²-s Supply voltage supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	Substance Prohibitance (Date)	12/19/2016		
Supply voltage supply voltage at DC rated value Communication/ Protocol protocol is supported	operating voltage rated value	20.4 V		
supply voltage at DC rated value 24 V Communication/ Protocol protocol is supported	I2t value	0.008 A ² ·s		
Communication/ Protocol protocol is supported	Supply voltage	Supply voltage		
protocol is supported	supply voltage at DC rated value	24 V		
	Communication/ Protocol			
PROFINET IO protocol Yes	protocol is supported			
	PROFINET IO protocol	Yes		

PROFIsafe protocol	No
product function at the Ethernet interface	
Autocrossover	Yes
Autonegotiation	Yes
protocol at the 1st interface media redundancy protocol	No
product function at the 1st interface PROFINET IO device	Yes
product function of the PROFINET IO device is supported	No
PROFINET system redundancy	
service as PROFINET IO device	
 prioritized startup 	No
 isochronous mode 	No
 supports Shared Device 	No
supports PROFlenergy	No
• IRT	No
• MRP	No
• MRPD	No
service for open IE communication	
• LLDP	Yes
• SNMP	Yes
• TCP/IP	Yes
GSD version/revision with PROFINET required	V2.3
transmission mode for Industrial Ethernet	PROFINET with 100 Mbps full duplex (100BASE-TX)
network load class according to PROFINET	1
specification for Security Level 1 test according to PROFINET	Resilient to network loading
Control circuit/ Control	
inrush current maximum	16 A
Galvanic isolation	
galvanic isolation between PROFINET and all other circuits	Yes
Inputs/ Outputs	
	0
number of digital inputs	
number of digital inputs	
safety-related	0
safety-related number of digital outputs	
safety-related number of digital outputs Connections/ Terminals	0
safety-related number of digital outputs Connections/ Terminals type of electrical connection	0
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded	0 0 screw-type terminals 0.2 2.5 mm ²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing	0 0 screw-type terminals
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm ² 2.5 mm ² 0.2 2.5 mm ² 0.2 2.5 mm ²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid solid with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid solid with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing AWG number as coded connectable conductor cross	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing AWG number as coded connectable conductor cross section	0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 30 12
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing AWG number as coded connectable conductor cross section tightening torque with screw-type terminals	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.5 2.5 mm²
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 30 12
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.5 2.5 mm² 20 a
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 20 a Yes; for Ethernet services
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.5 2.5 mm² 20 a
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.5 2.5 mm² 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section • solid • solid with core end processing • finely stranded with core end processing • finely stranded without core end processing AWG number as coded connectable conductor cross section tightening torque with screw-type terminals Safety related data service life maximum design of the interface • Ethernet interface • Fast Ethernet interface interface design 1 • integrated switch	0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.5 0.6 N·m 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.25 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 10.2 2.5 mm² 10.3 12 10.5 0.6 N·m
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid with core end processing finely stranded with core end processing finely stranded without core end processing AWG number as coded connectable conductor cross section tightening torque with screw-type terminals Safety related data service life maximum design of the interface Ethernet interface Fast Ethernet interface interface design 1 integrated switch RJ45 (Ethernet) number of ports at the 1st interface	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.3 2.5 mm² 0.4 2.5 mm² 0.5 0.6 N·m 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps No Yes 1
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.25 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² No Yes; for Ethernet services Yes; PROFINET with 100 Mbps
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.3 2.5 mm² 0.4 2.5 mm² 0.5 0.6 N·m 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps No Yes 1
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing AWG number as coded connectable conductor cross section tightening torque with screw-type terminals Safety related data service life maximum design of the interface Ethernet interface Fast Ethernet interface interface design 1 integrated switch RJ45 (Ethernet) number of ports at the 1st interface number of interfaces according to PROFINET Ambient conditions ambient temperature	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.3 2.5 mm² 0.4 2.5 mm² 0.5 0.6 N·m 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps No Yes 1
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing AWG number as coded connectable conductor cross section tightening torque with screw-type terminals Safety related data service life maximum design of the interface Ethernet interface Fast Ethernet interface interface design 1 integrated switch RJ45 (Ethernet) number of ports at the 1st interface number of interfaces according to PROFINET Ambient conditions	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 30 12 0.5 0.6 N·m 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps No Yes 1
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid solid with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing AWG number as coded connectable conductor cross section tightening torque with screw-type terminals Safety related data service life maximum design of the interface Ethernet interface Fast Ethernet interface interface design 1 integrated switch RJ45 (Ethernet) number of ports at the 1st interface number of interfaces according to PROFINET Ambient conditions ambient temperature	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.3 12 0.5 0.6 N·m 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps No Yes 1
safety-related number of digital outputs Connections/ Terminals type of electrical connection connectable conductor cross-section for auxiliary contacts	0 0 screw-type terminals 0.2 2.5 mm² 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.2 2.5 mm² 0.3 25 mm² 20 a Yes; for Ethernet services Yes; PROFINET with 100 Mbps No Yes 1 1

General Product Approval		Declaration of Conformity	Test Certificates	
Certificates/ approvals				
depth	72.1	72.1 mm		
width	40 m	40 mm		
height	80.1	80.1 mm		
fastening method of modules and accessories	Front	Front plate mounting		
Installation/ mounting/ dimensions				
explosion protection marking for intrinsic safety of related equipment EEx ib	No	No		
explosion protection marking for intrinsic safety of related equipment EEx ia	No	No		

Confirmation









Special Test Certificate

Test Certificates other	Environment
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Type Test Certificates/Test Report

Confirmation

PROFINET-Certification Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1LK10-1AA1

Cax online generator

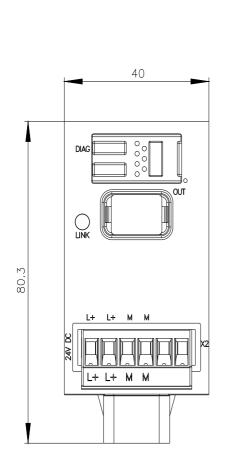
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1LK10-1AA1

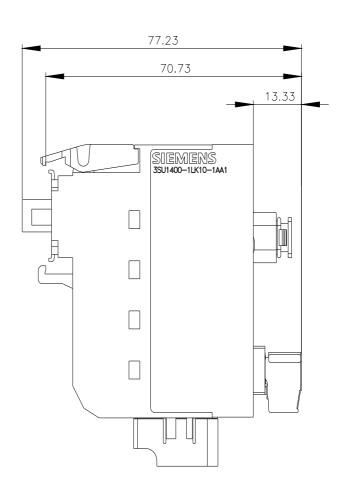
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

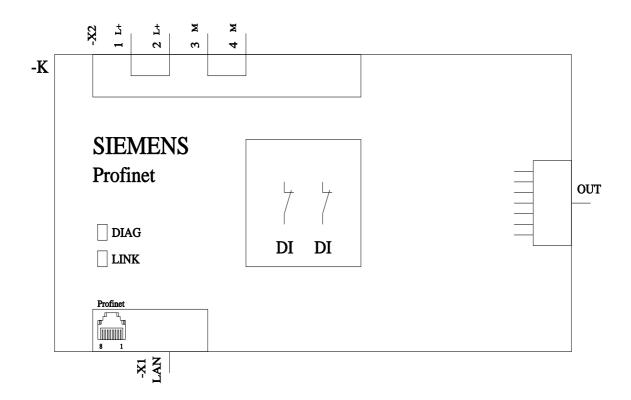
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1LK10-1AA1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1LK10-1AA1&lang=en







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