SIEMENS

Data sheet

product brand name

3SU1400-1MA10-1BA1

SIRIUS ACT: terminal module (command module) for front plate mounting



product yes designation design of the product product yes designation 3SUI Display display version • for diagnostic function: Supply voltage monitoring power LED • status TV/Fx link No Ceneral technical data product function • reverse potarity protection • diagnostic function 1 0,0 Anardware version 1 0,0 Anardware version with STEP 7 in the TIA Portal required V13 SP1 (V13 SP1 and V14 with HSP0132) power loss [VI] typical degree of pollution type of voltage • of the operating voltage • of the operating voltage • of the input voltage • of the operating voltage • of the input voltage urge voltage resistance rated value 27 mA • rated value • PROFisafe protocol protocol is supported • PROFisafe protocol protocol one cacarding to IEC 81346-2 K Substance Prohibitance (Date) • PROFisafe protocol Protocol protocol is supported • PROFisafe protocol Protocol one catale connection type of connectable conductor cross-sections • solid or stranded • finely stranded with core end processing • old with core end processing • solid with core end processing • solid with core end processing • old with core end processing	product brance	SIRIUS ACT
Display display version • for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link No General technical data product function • reverse polarity protection • diagnostics function • diagnostics function • diagnostics function • reverse polarity protection • diagnostics function • diagnostics function • diagnostics function • diagnostics function • reverse polarity protection • of the operating voltage • of the input voltage • of t	product designation	Terminal module
display version • for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link No General technical data product function • reverse polarity protection • diagnostics function • reverse polarity protection • diagnostics function 1.0.0 hardware version 1.0.0 hardware version 1.0.0 hardware version vith STEP 7 in the TIA Portal required V13 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical degree of pollution 3 type of voltage • of the operating voltage • of the input voltage • of the input voltage surge voltage resistance rated value 0.8 kV consumed current • maximum • rated value protection class IP IP20 reference code according to IEC 81346-2 K Substance Prohibitance (Date) Communication/ Protecol protocol protocol is supported • PROFISAGe protocol A PROFISAGe protocol Connections/ Terminals type of connectable conductor cross-section on such sides of the poly vitanced with core end processing • solid or stranded • finely stranded with core end processing • solid	design of the product	with 2 contacts
display version • for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link No General technical data product function • reverse polarity protection • diagnostics function • reverse polarity protection • diagnostics function • reverse polarity protection • diagnostics function • reverse polarity protection • reversion with STEP 7 in the TIA Portal required v13 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical • of the operating voltage • of the input voltage	product type designation	3SU1
• for diagnostic function: Supply voltage monitoring power LED • status Tx/Rx link No General technical data product function • reverse polarity protection • diagnostics function • diagnostics function 10.0 hardware version 11.0.0 hardware version 12.0 hardware version with STEP 7 in the TIA Portal required 13.3 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical degree of pollution 15 ype of voltage 16 of the operating voltage 17 of the input voltage 18 of the input voltage 19 of the input voltage 20 consumed current 10 maximum 27 mA 23 mA 23 mA 25 yrated value 23 mA 25 yrated value 25 mC 25 yrated value 26 yrotocol protection class IP reference code according to IEC 81346-2 26 K Substance Prohibitance (Date) 27 yrotocol is supported 28 PROFIsate protocol 29 PROFIsate protocol 20 No Connections/ Torminals 20 No Connections/ Torminals 20 No Connectable conductor cross-section for auxiliary contacts 10 No No mm² 11 No No No Mm² 12 No No Mm² 12 No No Mm² 13 No No Mm² 14 No No Mm² 15 No No Mm² 16 No No Mm² 16 No No Mm² 17 No No Mm² 18 No No Mm² 18 No No No Mm² 19 No No Mm² 19 No No Mm² 10 No No Mm² 11 No No Mm² 12 No No Mm² 15 No No Mm² 15 No No Mm² 16 No No No Mm² 17 No No Mm² 18 No No No Mm² 18 No No No Mm² 19 No No Mm² 19 No No Mm² 20	Display	
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product function	 status Tx/Rx link 	No
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diagnostics function firmware version	product function	
firmware version 1.0.0 hardware version 1 software version with STEP 7 in the TIA Portal required V13 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical 0.1115 W degree of pollution 3 type of voltage • of the operating voltage DC • of the input voltage DC surge voltage resistance rated value 0.8 kV consumed current • maximum 27 mA • rated value 23 mA protection class IP IP20 reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 Communication/ Protocol protocol is supported • PROFIsafe protocol No Connections/ Terminals type of electrical connection Insulation displacement connection type of connectable conductor cross-section 0.08 mm² connectable conductor cross-section (0.08 mm² connectable conductor cross-section (0.08 mm² energy for the protocol (0.08 mm² energy fo	 reverse polarity protection 	Yes; Ribbon cable can be rotated 180°.
hardware version 1 software version with STEP 7 in the TIA Portal required V13 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical 0.115 W degree of pollution 3 type of voltage	diagnostics function	Yes
software version with STEP 7 in the TIA Portal required v13 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical degree of pollution 3 type of voltage of the operating voltage of the input voltage To the operating voltage of the input voltage of the input voltage Example of the operating voltage of the input voltage DC surge voltage resistance rated value 0.8 kV consumed current maximum rated value protection class IP reference code according to IEC 81346-2 Substance Prohibitance (Date) Communication/ Protocol protocol is supported PROFIsafe protocol No Connections/ Terminals type of electrical connection type of connectable conductor cross-sections o solid or stranded insulation displacement connection protocal protocal desconductor cross-section or auxiliary contacts o solid or stranded with core end processing O.08 0.08 mm² connectable conductor cross-section o solid o .0.8 0.08 mm² connectable conductor cross-section o solid	firmware version	1.0.0
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consumed current	of the input voltage	DC
• maximum • rated value 23 mA protection class IP IP20 reference code according to IEC 81346-2 K Substance Prohibitance (Date) Communication/ Protocol protocol is supported • PROFIsafe protocol Value **Terminals** **Type of electrical connection **Type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section • solid **Solid or Stranded on the processing on the	surge voltage resistance rated value	0.8 kV
rated value protection class IP IP20 reference code according to IEC 81346-2 K Substance Prohibitance (Date) Communication/ Protocol protocol is supported PROFIsafe protocol No Connections/ Terminals type of electrical connection type of connectable conductor cross-sections solid or stranded finely stranded with core end processing solid connectable conductor cross-section solid	consumed current	
reference code according to IEC 81346-2 Substance Prohibitance (Date) Communication/ Protocol protocol is supported	• maximum	27 mA
reference code according to IEC 81346-2 Substance Prohibitance (Date) 12/19/2016 Communication/ Protocol protocol is supported • PROFIsafe protocol No Connections/ Terminals type of electrical connection type of connectable conductor cross-sections • solid or stranded • finely stranded with core end processing • solid 0.08 0.08 mm² connectable conductor cross-section • solid 0.08 0.08 mm²	rated value	23 mA
Substance Prohibitance (Date) Communication/ Protocol protocol is supported • PROFIsafe protocol No Connections/ Terminals type of electrical connection type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section • solid 0.08 0.08 mm² connectable conductor cross-section • solid	protection class IP	IP20
Communication/ Protocol protocol is supported • PROFIsafe protocol No Connections/ Terminals type of electrical connection type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section • solid 0.08 0.08 mm² connectable conductor cross-section • solid	reference code according to IEC 81346-2	K
protocol is supported	Substance Prohibitance (Date)	12/19/2016
PROFIsafe protocol Connections/ Terminals type of electrical connection	Communication/ Protocol	
type of electrical connection type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts	protocol is supported	
type of electrical connection type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section • solid • solid 0.08 0.08 mm² 0.08 0.08 mm²	PROFIsafe protocol	No
type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing connectable conductor cross-section solid 0.08 0.08 mm² 0.08 mm² 0.08 mm²	Connections/ Terminals	
connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing connectable conductor cross-section • solid 0.08 0.08 mm² 0.08 0.08 mm²	type of electrical connection	Insulation displacement connection
 solid or stranded finely stranded with core end processing connectable conductor cross-section solid 0.08 0.08 mm² 0.08 0.08 mm² 	type of connectable conductor cross-sections	Ribbon cable 7-pole, 7 x 0.08 mm2
 finely stranded with core end processing connectable conductor cross-section solid 0.08 mm² 0.08 mm² 	connectable conductor cross-section for auxiliary contacts	
connectable conductor cross-section • solid 0.08 0.08 mm²	 solid or stranded 	0.08 0.08 mm²
• solid 0.08 0.08 mm²	 finely stranded with core end processing 	0.08 mm ²
	connectable conductor cross-section	
• solid with core end processing 0.08 0.08 mm²	• solid	0.08 0.08 mm²
	 solid with core end processing 	0.08 0.08 mm²

SIRIUS ACT

 finely stranded with core end processing 	0.08 0.08 mm ²
 finely stranded without core end processing 	0.08 0.08 mm ²
AWG number as coded connectable conductor cross section	28 28
Safety related data	
service life maximum	20 a
Ambient conditions	
ambient temperature	
 during operation 	-25 +60 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)
explosion protection marking for intrinsic safety of related equipment EEx ia	No
explosion protection marking for intrinsic safety of related equipment EEx ib	No
Installation/ mounting/ dimensions	
fastening method of modules and accessories	Front plate mounting
height	32.6 mm
width	30 mm
depth	31.5 mm
Certificates/ approvals	

Confirmation

General Product Approval







Declaration of Conformity



Type Test Certificates/Test Report

Test Certificates

Test Certificates other Environment

Special Test Certificate

Confirmation

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=3SU1400-1MA10-1BA1

Cax online generator

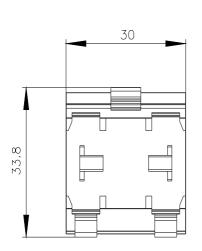
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1MA10-1BA1

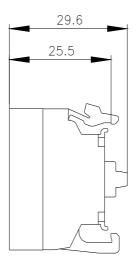
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

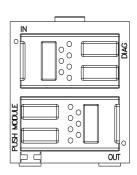
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1MA10-1BA1

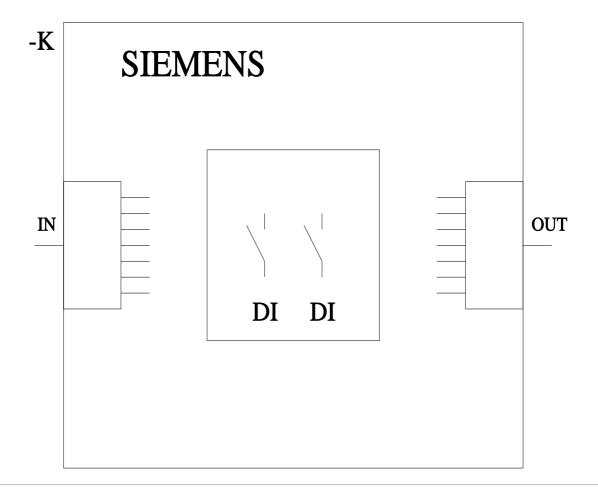
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1MA10-1BA1&lang=en









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1/27/2022



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