SIEMENS

Data sheet

product brand name

3SU1401-1ME20-1DA1

SIRIUS ACT: terminal module (LED module), integrated LED red, 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 • slatus Tv/Fx link No Ceneral technical data Product function • reverse polarity protection • diagnostic function • reverse polarity function • reverse polarity protection • of the operating voltage • of the input voltage • reference code according to IEC 81346-2 K Substance Prohibitance (Date) • reference code according to IEC 81346-2 K Substance Prohibitance (Date) • PROFIsafe protocol Protocol is supported • PROFIsafe protocol Protocol is supported • PROFIsafe protocol Protocol is supported • PROFIsafe protocol • PROFIsafe protocol • PROFIsafe protocol • PROFIsafe protocol • Ribbon cable 7-pole, 7 x 0.08 mm² • solid or stranded • finely stranded with core end processing • one stranded • solid with core end processing • one stranded • solid with core end processing • one stranded • solid with core end processing • one stranded • solid with core end processing	product brand name	SIRIUS ACT
Display display version • for diagnostic function: Supply voltage monitoring power LED • slatus 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 • treverse polarity protection • diagnostics function • treverse polarity protection • diagnostics function • reverse polarity protection • diagnostics function • reverse polarity protection • diagnostics function • tree polarity protection • diagnostics function • tree polarity protection • diagnostics function • reverse polarity protection • diagnostics function • reverse polarity protection • of the operating voltage • of the op	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 protocol connectable conductor cross-section (ype of connectable conductor cross-section for auxiliary contacts) • solid or stranded • finely stranded with core end processing • solid • solid • solid • solid • solid • solid • o.08 mm² • connectable conductor cross-section • solid	design of the product	with integrated LED
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 • diagnostics function • reverse polarity protection • reversion	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 1.0.0 hardware version 1.0.0 hardware version 1.0.0 hardware version with STEP 7 in the TIA Portal required vi3 SP1 (V13 SP1 and V14 with HSP0132) power loss [W] typical degree of pollution type of 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 • or atted value • maximum • rated value protection class IP reference code according to IEC 81346-2 Ksubstance Prohibitance (Date) protocol protocol susported • PROFIsate protocol Protocol protocol protocol ferminals type of electrical connection type of connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • solid • solid • o.08 mm² • connectable conductor cross-section • solid • o.08 mm² • connectable conductor cross-section • solid • o.08 mm² • connectable conductor cross-section • solid	Display	
LED status TX/Rx link General technical data product function reverse polarity protection Yes; Ribbon cable can be rotated 180°. diagnostics function Yes firmware version 1.0.0 hardware version 1.0.0 hardware version 1.15 William of the TIA Portal required Y13 SP1 and V14 with HSP0132) power loss [W] typical 0.115 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 PROFISse protocol No Connections/ Terminals type of connectable conductor cross-section insulation displacement connection type of connectable conductor cross-section for auxiliary contacts e solid or stranded e finely stranded with core end processing e solid or Stranded e finely stranded with core end processing e solid or Summ² e solid or Stranded e finely stranded with core end processing e solid or Summ² e solid or Summ² e solid or Summ² e solid or Summ² e solid or Stranded e finely stranded with core end processing e solid or Summ² e solid or Summ²	display version	
product function		Yes
product function	 status Tx/Rx link 	No
e reverse polarity protection e diagnostics function firmware version 1.0.0 andrware version 1 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 of the input voltage of the input voltage of a surger voltage resistance rated value consumed current	General technical data	
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 0.115 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 6 finely stranded with core end processing 0.08 mm² connectable conductor cross-section 6 finely stranded with core end processing 0.08 mm² connectable conductor cross-section 6 finely stranded with core end processing 0.08 mm² connectable conductor cross-section 6 finely stranded with core end processing 0.08 mm² connectable conductor cross-section 6 finely stranded with core end processing 0.08 mm² connectable conductor cross-section 6 finely stranded with core end processing 0.08 mm²	 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 DC surge voltage resistance rated value onsumed 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 osolid or stranded finely stranded with core end processing o.08 0.08 mm² connectable conductor cross-section osolid o.08 0.08 mm² connectable conductor cross-section osolid	firmware version	1.0.0
power loss [W] typical degree of pollution 3 type of voltage of the operating voltage of the input voltage of the input voltage The maximum rated value reference code according to IEC 81346-2 Substance Prohibitance (Date) protocol is supported PROFIsafe protocol Protocol Protocol Protocol Prof electrical connection type of electrical connection type of connectable conductor cross-section for auxiliary contacts solid or stranded one will be maximum 10 10 10 11 15 16 17 18 18 18 18 18 18 18 18 18	hardware version	1
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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 of electrical connections type of electrical connections type of connectable conductor cross-sections connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • solid connectable conductor cross-section • solid 0.08 0.08 mm² connectable conductor cross-section • solid 0.08 0.08 mm²	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 connectable conductor cross-section solid solid o.08 0.08 mm² connectable conductor cross-section solid o.08 0.08 mm² connectable conductor cross-section solid o.08 0.08 mm² connectable conductor cross-section solid o.08 0.08 mm²	consumed current	
protection class IP IP20 reference code according to IEC 81346-2 K Substance Prohibitance (Date) 12/19/2016 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 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	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	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 0.08 0.08 mm²	reference code according to IEC 81346-2	K
protocol is supported PROFIsafe protocol Insulation displacement connection type of electrical connection Insulation displacement connection Ribbon cable 7-pole, 7 x 0.08 mm2 connectable conductor cross-sections or auxiliary contacts Solid or stranded of inely stranded with core end processing one table conductor cross-section Solid or stranded one one of processing one one table conductor cross-section Solid or stranded one one of processing one one table conductor cross-section Solid one of table conductor cross-section Output Description:	Substance Prohibitance (Date)	12/19/2016
PROFIsafe protocol Connections/ Terminals type of electrical connection Insulation displacement connection type of connectable conductor cross-sections Connectable conductor cross-section for auxiliary contacts Solid or stranded Insulation displacement connection Ribbon cable 7-pole, 7 x 0.08 mm2 0.08 0.08 mm² Insulation displacement connection Ribbon cable 7-pole, 7 x 0.08 mm2 0.08 0.08 mm² 0.08 0.08 mm² Connectable conductor cross-section Solid O.08 0.08 mm²	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	 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 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 mm²		
 finely stranded without core end processing 	0.08 0.08 mm²		
AWG number as coded connectable conductor cross section	28 28		
Lamp			
color of the light source	red		
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 o	ther	Environment
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Special Test Certificate

Confirmation

Environmental Confirmations

Further information

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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=3SU1401-1ME20-1DA1

Cax online generator

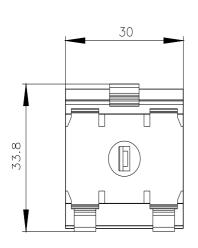
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1401-1ME20-1DA1}$

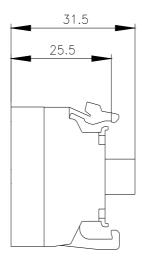
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

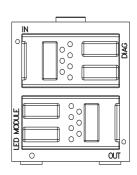
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1ME20-1DA1

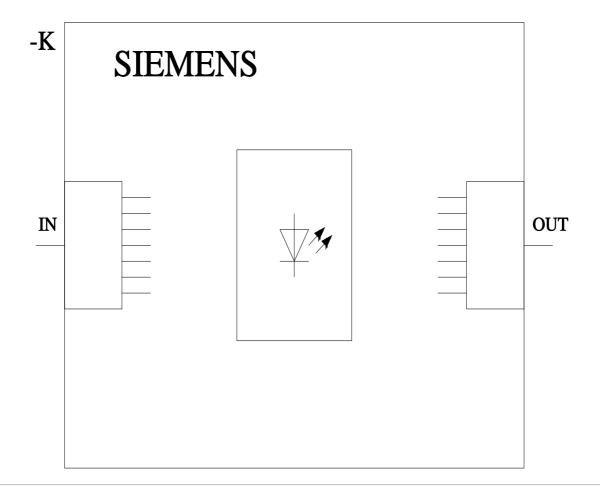
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1ME20-1DA1&lang=en









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1/27/2022

