SIEMENS

Data sheet

3SU1401-1MC40-1CA1

SIRIUS ACT: terminal module (command and LED module), integrated LED green, for front plate mounting



product brand name product designation

SIRIUS ACT Terminal module

product designation	reminal module
design of the product	with 2 contacts and integrated LED
product type designation	3SU1
Display	
display version	
 for diagnostic function: Supply voltage monitoring power LED 	Yes
 status Tx/Rx link 	No
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
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

27 mA maximum • rated value 23 mA protection class IP IP20 reference code according to IEC 81346-2 Κ

Substance Prohibitance (Date) 12/19/2016

Communication/ Protocol

Connections/ Terminals

protocol is supported PROFIsafe protocol No

type of electrical connection type of connectable conductor cross-sections connectable conductor cross-section for auxiliary

Insulation displacement connection Ribbon cable 7-pole, 7 x 0.08 mm2

contacts solid or stranded • finely stranded with core end processing

0.08 ... 0.08 mm² 0.08 mm²

connectable conductor cross-section

• solid with core end processing

0.08 ... 0.08 mm² 0.08 ... 0.08 mm² • finely stranded with core end processing

• finely stranded without core end processing

AWG number as coded connectable conductor cross section

0.08 ... 0.08 mm² 0.08 ... 0.08 mm²

28 ... 28

Lamp

color of the light source green

Safety related data

service life maximum 20 y

Ambient conditions

ambient temperature

during operation
 during storage
 -25 ... +60 °C
 -40 ... +80 °C

environmental category during operation according to IEC 60721

explosion protection marking for intrinsic safety of related equipment EEx ia

explosion protection marking for intrinsic safety of related equipment EEx ib

-40 ... +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no

condensation in operation permitted)

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No

Installation/ mounting/ dimensions

fastening method of modules and accessories

Front plate mounting
32.6 mm
width
30 mm
depth
31.5 mm

Certificates/ approvals

General Product Approval Declaration of Conformity Test Certificates

Confirmation









Special Test Certificate

Test Certificates

other

Type Test Certificates/Test Report

Environmental Confirmations

Confirmation

Further information

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=3SU1401-1MC40-1CA1

Cax online generator

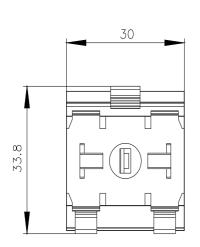
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC40-1CA1

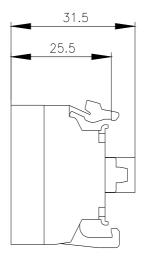
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

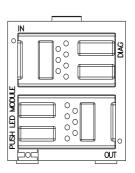
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC40-1CA1

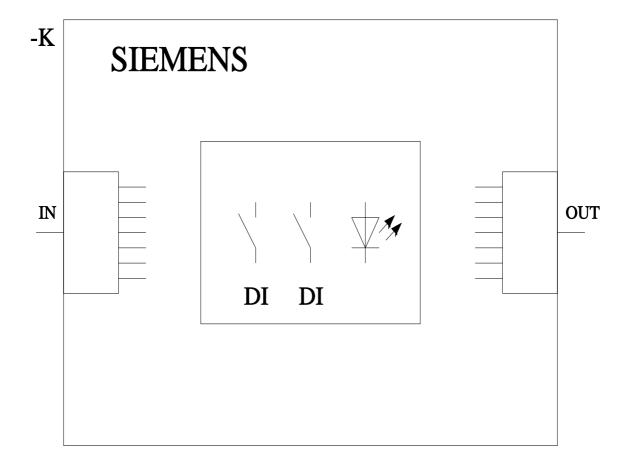
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC40-1CA1&lang=en









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