SIEMENS
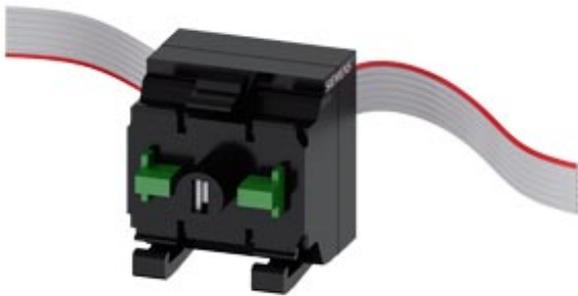
SIRIUS ACT: Terminal module (Command and LED module),
integrated LED blue, for front plate mounting

Product brand name	SIRIUS ACT
Product designation	Terminal 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	
• maximum	27 mA
• Rated value	23 mA
Protection class IP	IP20
Reference code acc. to DIN EN 81346-2	K

Communication/ Protocol

Protocol is supported	
• PROFIsafe protocol	No

Connections/ Terminals

Type of electrical connection	Insulation displacement connection
Type of connectable conductor cross-sections	Ribbon cable 7-pole, 7 x 0.08 mm2
Connectable conductor cross-section for auxiliary contacts	
• single or multi-stranded	0.08 ... 0.08 mm²
• finely stranded with core end processing	0.08 mm²
Connectable conductor cross-section	
• solid	0.08 ... 0.08 mm²
• solid with core end processing	0.08 ... 0.08 mm²
• 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	blue

Safety related data

Service life maximum	20 y

Ambient conditions

Environmental category during operation acc. 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

Mounting type of modules and accessories	Front plate mounting
Height	32.6 mm
Width	30 mm

Depth	31.5 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
UL EAC	CE EG-Konf.	Miscellaneous	Type Test Certificates/Test Report	Special Test Certificate

other
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=3SU1401-1MC50-1CA1
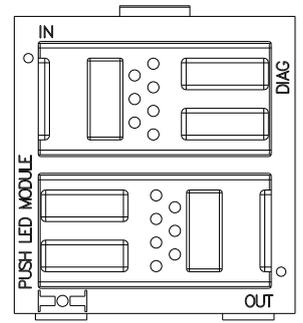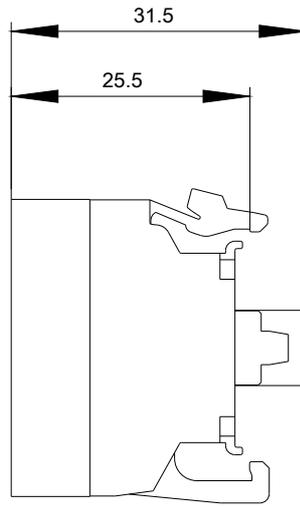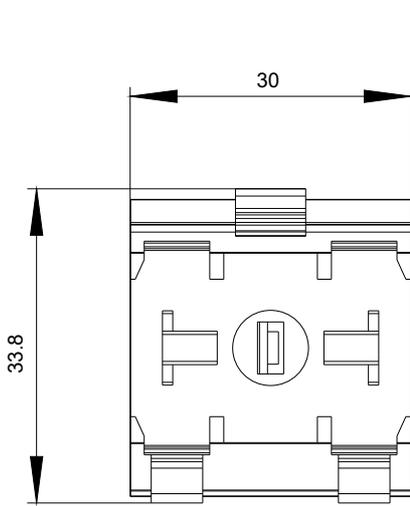
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC50-1CA1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC50-1CA1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC50-1CA1&lang=en

30

33.8

31.5

25.5

IN

DIAG

PUSH LED MODULE

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last modified: 06/08/2020

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