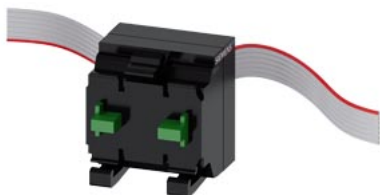


SIRIUS ACT: terminal module (command module) for front plate mounting



product brand name	SIRIUS ACT
product designation	Terminal module
design of the product	with 2 contacts
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 - diagnostics function	Yes; Ribbon cable can be rotated 180°.
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 - of the input voltage	DC
surge voltage resistance rated value	0.8 kV
consumed current	
- maximum - rated value	27 mA 23 mA
protection class IP	IP20
reference code according to IEC 81346-2	K
Substance Prohibition (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-sections	Ribbon cable 7-pole, 7 x 0.08 mm ²
connectable conductor cross-section for auxiliary contacts	
- solid or stranded - finely stranded with core end processing	0.08 ... 0.08 mm ² 0.08 mm ²
connectable conductor cross-section	
- solid - solid with core end processing	0.08 ... 0.08 mm ² 0.08 ... 0.08 mm ²

- 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	
Safety related data		
service life maximum	20 y	
Ambient conditions		
ambient temperature - during operation - during storage environmental category during operation according to IEC 60721	-25 ... +60 °C -40 ... +80 °C 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		
General Product Approval	Declaration of Conformity	Test Certificates
Confirmation	   	Type Test Certificates/Test Report
Test Certificates	other	
Special Test Certificate	Confirmation	Environmental Confirmations

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=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	

