SIEMENS

Data sheet

3SU1400-1LK10-3BA1



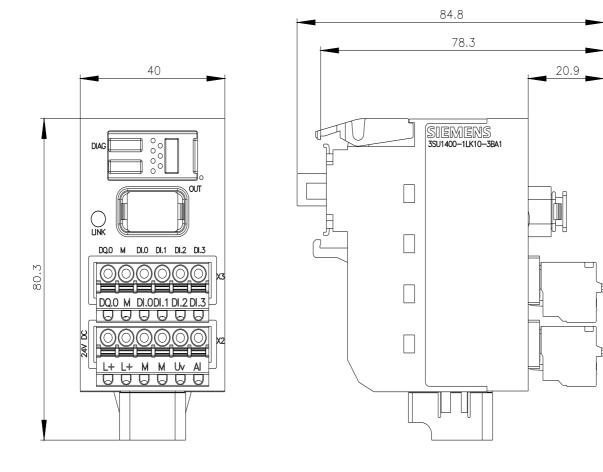
SIRIUS ACT with PROFINET: standard interface module with extended inputs and outputs 24 V DC, spring-loaded terminal, front plate mounting, 1 to 20 terminal modules connectable, with additional 1 DQ + 4 DI + 1 AI

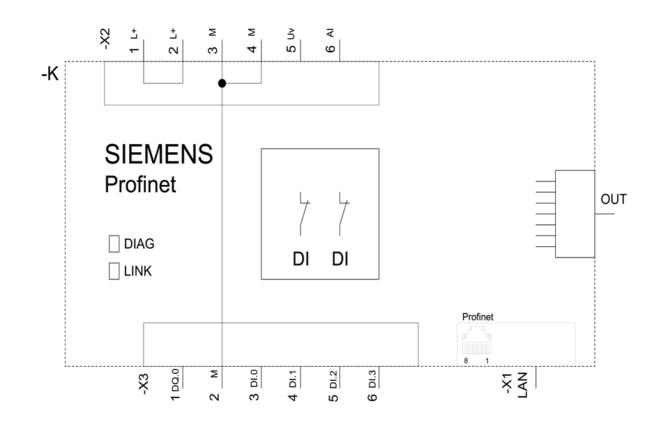
product brand name	SIRIUS ACT
product designation	Interface module for PROFINET
product type designation	3SU1
Display	
display version	
 for diagnostic function: Supply voltage monitoring power LED 	Yes
• status Tx/Rx link	Yes
General technical data	
product function	
 reverse polarity protection 	Yes
 diagnostics function 	Yes
• alarms	Yes
I&M data	Yes; I&M0 I&M3
firmware version	2.1.4
hardware version	1
configuration function with dataset	Yes
software version with STEP 7 required	TIA Portal V13 SP1
software version with STEP 7 in the TIA Portal required	TIA portal V13
number of units per rack maximum	20
number of submodules per station maximum	24
power loss [W] typical	0.6 W
insulation voltage rated value	30 V
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	150 mA
• rated value	28 mA
protection class IP	IP20
shock resistance	
 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
 for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
 according to IEC 60068-2-6 	10 500 Hz: 5g
 for railway applications according to EN 61373 	Category 1, Class B
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	08/24/2018
× 1	

SVM: Substance Haine Biomicroation of the substance Haine 22.0.6 - Ternatorm.4log-nethyline.piter.pite	SV/UC substance name	
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Interfaces design of the interface		20.0
design of the interface		20 a
-		
Ethernet Interface Yes; for Ethernet services	-	
	Ethernet interface	Yes; for Ethernet services

Fast Ethernet interface	Yes; PROFINET with 100 Mbps	
interface design 1		
integrated switch	No	
RJ45 (Ethernet)	Yes	
number of ports at the 1st interface	1	
number of interfaces according to PROFINET	1	
Ambient conditions		
ambient temperature	25 160 %0	
during operation	-25 +60 °C	
during storage environmental category during operation according to IEC	-40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity o	f 10 95%, no condensation in
explosion protection marking for intrinsic safety of related	operation permitted) No	
equipment EEx ia explosion protection marking for intrinsic safety of related	No	
equipment EEx ib		
Environmental footprint		
Environmental Product Declaration(EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.787 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg	
Global Warming Potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
nstallation/ mounting/ dimensions		
fastening method of modules and accessories	Front plate mounting	
height	80.1 mm	
width	40 mm	
depth	72.1 mm	
depth Approvals Certificates	72.1 mm	
-	72.1 mm Declaration of Conformity	Test Certificates
Approvals Certificates		
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1LK10-3BA1&lang=en





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