# **SIEMENS**

## **Data sheet**

product brand name



Enclosure for command devices 22 mm, round, enclosure material plastic, enclosure top part gray, 1 control point, A = Selector switch, black, metal, 3 switch positions, momentary contact type, 1 NO, 1 NO, spring-type terminal, floor mounting, support terminal, recess for label, 1xM20 each on top and bottom

SIRIUS ACT

product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Toggle switch
manufacturer's article number	
<ul> <li>of supplied contact module</li> </ul>	A1 = 3SU1400-2AA10-3BA0, A2 = 3SU1400-2AA10-3BA0
<ul> <li>of supplied contact module at the command point A 1</li> </ul>	3SU1400-2AA10-3BA0
<ul> <li>of supplied contact module at the command point A 2</li> </ul>	3SU1400-2AA10-3BA0
<ul> <li>of the supplied holder</li> </ul>	A = 3SU1550-0AA10-0AA0
<ul> <li>of the supplied holder at the command point A</li> </ul>	3SU1550-0AA10-0AA0
<ul> <li>of the supplied actuator</li> </ul>	3SU1052-2BM10-0AA0
<ul> <li>of the supplied actuator at the command point A</li> </ul>	3SU1052-2BM10-0AA0
<ul> <li>of supplied empty enclosure</li> </ul>	<u>3SU1801-0AA00-0AB1</u>
<ul> <li>of supplied support terminal</li> </ul>	A4 = 3SU1400-4DA43-3AA0
<ul> <li>of supplied support terminal at the command point A</li> </ul>	3SU1400-4DA43-3AA0
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	Square
material of the enclosure	plastic
number of command points	1
product component	
<ul> <li>EMERGENCY STOP device</li> </ul>	No
protective collar	No
color of the enclosure top part	grey
delivery state	
• as a kit	No
pre-wired on strip terminal	No
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	Selector, short
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
number of contact modules	2
Front ring	
product component front ring	Yes
design of the front ring	Standard

Accession of the front ring   Silver   Pastic	material of the front ring	Metal, high gloss
Holder naterial of the holder Display number of LED modules O Officinal bushing opining  • positive opining  • positive opining • EMERGENOY OFF function • protection class IP Officinal bushing opining • EMERGENOY OFF function • Positive opining • EMERGENOY STOP function • No • EMERGENOY STOP function • No • EMERGENOY STOP function • No rotection class IP Officinal bushing • according to IEC 90088-2-27 • for railway applications according to EN 61373 • Category 1, Class B  vibration resistance • according to IEC 90088-2-8 • for railway applications according to EN 61373 • Category 1, Class B  vibration resistance • according to IEC 90088-2-8 • for railway applications according to EN 61373 • Category 1, Class B  vibration resistance • according to IEC 90088-2-8 • for railway applications according to EN 61373 • Category 1, Class B  vibration of the category opinion according to EN 61373 • Category 1, Class B  vibration opinion according to IEC 91348-2 S continuous current of the quick DAZED fuse link g  10 A for a short-circuit current smaller than 400 A  continuous current of the quick DAZED fuse link g  10 A  Substance Prohibitance (Tate) • DO Tate of value • all DC railed value • all DC ra		
Inamber of LED modulas  Contrast Inchineal datas  product function  * positive opening  * Michael CNCY STOP function  * Contrast STOP  * AND CONTR		
sumber of LED medules  General technical cidals  product function  * possitive opening   No    * EMERGENCY OFF function   No    * EMERGENCY OFF function   No    * EMERGENCY STOP function   No    * Execution   No    * Execution   No    * Calegory 1, Class B    * Union of the Continuous current of the Characteristic MCB    * On   No    * Edepty 1, Class B    * Union of the Continuous current of the Characteristic MCB    * On   No    * Edepty 1, Class B    * On   No    * Edepty 1, Class B    * On   No    * On   No    * Edepty 1, Class B    * On   No    * On   No    * Edepty 1, Class B    * On   No    * On   No    * Edepty 1, Class B    * Edepty 1, Class B    * On   No    * Edepty 1, Class B    * Edepty 2, Class B    * Edept	material of the holder	Plastic
sumber of LED medules  General technical cidals  product function  * possitive opening   No    * EMERGENCY OFF function   No    * EMERGENCY OFF function   No    * EMERGENCY STOP function   No    * Execution   No    * Execution   No    * Calegory 1, Class B    * Union of the Continuous current of the Characteristic MCB    * On   No    * Edepty 1, Class B    * Union of the Continuous current of the Characteristic MCB    * On   No    * Edepty 1, Class B    * On   No    * Edepty 1, Class B    * On   No    * On   No    * Edepty 1, Class B    * On   No    * On   No    * Edepty 1, Class B    * On   No    * On   No    * Edepty 1, Class B    * Edepty 1, Class B    * On   No    * Edepty 1, Class B    * Edepty 2, Class B    * Edept	Display	
Centeral details   Product function   Product function   Product function   Product function   Product function   Product function   No   Product function   No   Product for must be product function   No   Product for must be product for must b		0
product function  • positive opening • LMMRCRENCY OFF function • LMMRCRENCY STOF function • LMMRCRENCY	1 11 1	
* collivo opening     * EMERGENCY STOP function     * EMERGENCY STOP function     * EMERGENCY STOP function     * Indirection Class IP     * According to IEC 60068-2-27     * for railway applications according to EN 61373     * Category 1, Class B     * According to IEC 60068-2-6     * for railway applications according to EN 61373     * * According to IEC 60068-2-6     * for railway applications according to EN 61373     * Category 1, Class B     * Continuous current of the C characteristic MCB     * Continuous current of the Quick DIAZED fuse link     * Continuous current of the DIAZED fuse link go     * In AC     * Continuous current of the DIAZED fuse link go     * In AC     * Acter Class		
EMERGENCY STOP function EMERGENCY STOP function Protection class IP  legere of protection Neth Arting  stock resistance  • according to IEC 60088-2.7  • for rallway applications according to EN 61373  vibration resistance  • according to IEC 60088-2.8  • for rallway applications according to EN 61373  vibration resistance  • according to IEC 60088-2.8  • for rallway applications according to EN 61373  Category 1, Class B  10 500 Hz; 5g  • for farway applications according to EN 61373  Category 2, Class B  reference code according to IEC 81346-2  So continuous current of the Quick DIAZED fuse link Continuous current of the Quick DIAZED fuse link G  continuous current of the Quick DIAZED fuse link G  continuous current of the Quick DIAZED fuse link G  continuous current of the Quick DIAZED fuse link G  substance Prohibitance (Date)  operating voltage  • at 60 Hz rated value  • but Contacts for auxiliary contacts  design of the interface for communication  **Without Auxiliary current  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  pype of electrical connection of modules and accessories  type of electrical connection of modules and accessories  type of electrical connection of modules and accessories  stylenoid electrical connection of modules and accessories  stylenoid electrical connection of modules and accessories  utilization from the function of modules and accessories  • during operation  • during operation according to IEC  60721  Environmental Product Declaration(EPD)  Yes  Global Warming Potential (CO2 eq Iden) quantification  Global Warming potential (CO2 eq Iden) quantification  Global Warming Potential (CO2 ed Iden) quantification  Formation and the s	•	No
EMERGENCY STOP Aunction Protection class IP Oregree of protection NEMA rating 1, 2, 3, 381, 4, 4X, 12K, 13  shock resistance **according to IEC 80088-2-27 **or railway applications according to EN 61373  vibration resistance **according to IEC 80088-2-26 **or railway applications according to EN 61373  vibration resistance **according to IEC 80088-2-6 **or railway applications according to EN 61373  Category 1, Class B  **or railway applications according to EN 61373  Category 1, Class B  **or railway applications according to EN 61373  Category 1, Class B  **or railway applications according to EN 61373  Category 1, Class B  **or railway applications according to EN 6136-2 Sontinuous current of the Quit OA/2ED fuse link Continuous current of the Quit OA/2ED fuse link GO  **ortinuous current of the Quit OA/2ED fuse link GO  **ortinuous current of the Quit OA/2ED fuse link GO  **ortinuous current of the Quit OA/2ED fuse link GO  **outhinuous current of		
protection class IP degree of protection NEMA rating		
shock resistance  * according to IEC 60068-2-27  * for railway applications according to EN 61373  * for railway applications according to EN 61373  * for railway applications according to EN 61373  * category 1, Class B  * according to IEC 60068-2-8  * for railway applications according to EN 61373  * category 1, Class B  * according to IEC 60088-2-8  * according to IEC 60088-2-8  * for railway applications according to EN 61373  * category 1, Class B  * according to IEC 60088-2-8  * continuous current of the Quick DAIZED fluss link Q  * continuous current of the Quick DAIZED fluss link Q  * continuous current of the Quick DAIZED fluss link Q  * substance Prohibitance (Data)  * operating voltage  * all AC  - at 50 Hz rated value  - at 60 V  - at 60 Hz rated value  - at 70 V  * communication Protocol  design of the interface for communication  * without  * Auxularay riccuit.  * design of the contact of auxiliary contacts  * opunified of No Contacts for auxiliary contact		
shock resistance  according to IEC 60069-2-27  bord railway applications according to EN 61973  Category 1, Class B  10 500 Hz. 5g  chor railway applications according to EN 61973  Category 1, Class B  10 500 Hz. 5g  chortinuous current of the Cateracteristic MCB  10 A. for a short-circuit current smaller than 400 A  continuous current of the Quick DIAZED fuse link G  continuous current of the Quick DIAZED fuse link G  continuous current of the Quick DIAZED fuse link G  Substance Prohibitance (Date)  operating voltage  at AC  at Check of Lar zated value  at DC rated value  at DC rated value  at DC rated value  at DC rated value  border of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  connections Torminis  yipe of electrical connection of modules and accessories  type of electrical connection or modules and accessories  flow rounding border and the modules and accessories  flow rounding dimension  ambient conflicts  ambient type developed political (CO2 eq Iptial  Clobal Warming Potent		
according to IEC 60068-2-27 bior railway applications according to EN 61373 category 1, Class B  of railway applications according to EN 61373 category 1, Class B  10 500 Hz; 5g for railway applications according to EN 61373 category 1, Class B  reference code according to IEC 81346-2 Sonthiuous current of the Quick DAZED fuse link continuous current of the DIAZED fuse link G  continuous current of the DIAZED fuse link G  Substance Prohibitance (Date) operating voltage  • at AC  — at 60 Hz rated value  • at 60 Hz rated value  • at C contact of auxiliary contacts  Auxiliary circuit design of the interface for communication  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  2 Connections/ Terminals  1/ppc of electrical connection of modules and accessories  2 Spring-type terminal  1/ppc of electrical connection on enclosure  1/ppt of electrical connection on enclosure  2 during storage  4 during portation  4 during portation (CO2 eq) during one peration  9 during potential (CO2 eq) during operation  1 0 285 kg  Filor mounting  1 0 506 kg  Global Warming Potential (CO2 eq) during operation  1 0 285 kg  1 0 507 kg  Filor mounting  1 0 506 kg  Global Warming Potential (CO2 eq) during operation  1 0 506 kg  Global Warming potential (CO2 eq) during operation  1 0 506 kg  Global Warming Potential (CO2 eq) during operation  1 0 506 kg  Global Warming Potential (CO2 eq) after and of life  1 0 506 kg  Global Warming Potential (CO2 eq) after and of life  1 0 506 kg  Global Warming Potential (CO2 eq) after and of life  1 0 506 kg  Global Warming Potential (CO2 eq) after and of life  1 0 506 kg  Global Warming Potential (CO2 eq) after and of life  1 0 506 kg  Global Warming Potential (CO2 eq) after and of life  1 0 506 kg		, =, =, =, -, -, -=, -=
• for reliway applications according to EN 61373  Vibration resistance • according to IEC 60068-2-6 • for raliway applications according to EN 61373  Category 1, Class B  reference code according to IEC 81346-2  Sontinuous current of the Qc Characteristic MCB  10 A, for a short-circuit current smaller than 400 A  continuous current of the QLED fuse link G  Continuous current of the QLED fuse link G  Substance Prohibitance (Date)  10 A (Substance Prohibitance (Date)  Operating voltage  • at AC  — at 60 Hz rated value  • at Cornaction of the Contact of auxiliary contacts  Ommunication Protocol  design of the interface for communication  Auxiliary circuit  design of the interface for communication  Auxiliary circuit  design of the contact of auxiliary contacts 0  number of NO contacts for auxiliary contacts 2  Connections/Tominais  Type of electrical connection of modules and accessories Spring-type terminal  Type of electrical connection on enclosure Uightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature • during peration • during storage  environmental Eadgery during operation according to IEC  60721  Environmental Footprint  Environmental Fo		sinusoidal half-wave 15g / 11 ms
vibration resistance  • according to IEC 60068-26  • for rallway applications according to EN 61373  category 1, Class B  reference code according to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the DIAZED fuse link  continuous current of the DIAZED fuse link yG  substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value  — at 60 Hz rated value  • at D T acted value  • at C T acted value  • at C T acted value  • at C Communication Protocol  design of the interface for communication  Auxiliary cricuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  2 Connections/ Torminals  type of electrical connection of modules and accessories  typhe of electrical connection of modules and accessories  subtening torque of fixing screws in the bracket  tightening torque of fixing screws in the enclosure cover  Autiliary cricuit  ambient temperature  • during operation • during potential [CO2 eq] Istal  Environmental Footuch Declaration (EPD)  Yes  Global Warming Potential [CO2 eq] utring operation  • Quising potential [CO2 eq] utring operation  Global Warming Potential [CO2 eq] utring manufacturing  Global Warming Potential [CO2 eq] utring operation  Joseph Sm.  Floor mounting  Besides of the installation opening  Floor mounting  Floor m	-	
* according to IEC 60068-2-6     * for railway applications according to EN 61373     reference code according to IEC 81348-2     S     continuous current of the Ocharacteristic MCB     Continuous current of the quick DIAZED fuse link gG     continuous current of the pulze DiazeD fuse link gG     continuous current of the pulze DiazeD fuse link gG     In A     Substance Prohibitance (Date)     operating voltage     * at AC     — at 50 Hz rated value     — at 60 Hz rated value     * at DC rated value	· · · ·	Category 1, Class 2
• for railway applications according to ER 61373  reference code according to IEC 81348-2  S  continuous current of the Caharacteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the Quick DIAZED fuse link  continuous current of the DIAZED fuse link gG  10 A  Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 50 Hz rated value — at 00 Hz ra		10 500 Hz: 5a
reference code according to IEC 81346-2  continuous current of the C characteristic MCB  10 A; for a short-circuit current smaller than 400 A  continuous current of the pulce IDAZED fuse link g3  10 A  Substance Prohibitance (Date)  10/01/2014  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value • at 10 C	-	-
continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link gG  Substance Prohibitance (Date)  operating voltage  at AC  at 50 Hz rated value  at CC  at 50 Hz rated value  5 500 V  at 60 Hz rated value  but Communication/ Protocol  design of the interface for communication  without  Auxillary circuit  design of the contact of auxillary contacts  substances of electrical connection of modules and accessories  Uppe of electrical connection of modules and accessories  Uppe of electrical connection on enclosure  Cable routing above and below, both 1 x M20  tightening torque of fixing screws in the enclosure cover  Almbient conditions  ambient temperature  during operation  during storage  environmental category during operation according to IEC  concertion/momental Froduct Declaration (EPD)  Environmental Froduct Declaration (EPD)  Yes  Global Warming Potential (CO2 eq) total  O, 787 kg  Global Warming Potential (CO2 eq) attern of life  installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  belight  width  ### Accessories  ### Picor mounting  ### Accessories	• • • • • • • • • • • • • • • • • • • •	
continuous current of the quick DIAZED fuse link gG  continuous current of the DIAZED fuse link gG  Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value  • at DC rated value  design of the interface for communication  design of the interface for communication  ### Without Auxiliary circuit  ### Without Auxiliary circuit  ### design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  10		
continuous current of the DIAZED fuse link gG  Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value  • at DC rated value • at DC rated value • at DC rated value  • at DC rated value  • at DC rated value  • at DC rated value  • at DC rated value  **Communication I Protocol  design of the interface for communication  Auxiliary circuit  design of the incort of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  pye of electrical connection of modules and accessories  type of electrical connection on enclosure  Uightening torque of the screws in the enclosure cover  Ambient conditions  ambient temperature • during operation • during storage  environmental category during operation according to IEC  60721  Environmental Froduct Declaration(EPD)  Global Warming Potential (CO2 eq) during manufacturing  Global Warming Potential (CO2 eq) during operation  global warming Potential (CO2 eq) after end of life  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  Maccessories		
Substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value  • at DC rated value   Communication/ Protocol  design of the interface for communication  without  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  purport of electrical connection of modules and accessories  Spring-type terminal  type of electrical connection on enclosure  Cable routing above and below, both 1 x M20  tightening torque of the screws in the bracket  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC  Global Warming Potential (CO2 eq] total  Global Warming Potential (CO2 eq] during manufacturing  Global Warming Potential (CO2 eq] during operation  potential (CO2 eq) after end of life  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  ### ACCESSORIES		
operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value 5 500 V  • at DC rated value 5 500 V  • at DC rated value 5 500 V  Communication/ Protocol  design of the interface for communication  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 2  Connections/ Terminals  type of electrical connection of modules and accessories tightening torque of this screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions  ambient temperature • during operation • during storage environmental category during operation according to IEC 60721  Environmental Product Declaration(EPD) Yes Global Warming Potential (CO2 eq) during manufacturing Global Warming Potential (CO2 eq) during manufacturing Global Warming Potential (CO2 eq) after end of life Installation/ mounting/ dimensions fastering method of modules and accessories Floor mounting height 85 mm  width depth 75 mm happe of the installation opening Accessories		
at AC  at 50 Hz rated value  at DC rated value  at DC rated value  at DC rated value  at DC rated value  building of the interface for communication  without  Auxiliary crout  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  2  Connections/Torminals  type of electrical connection of modules and accessories  type of electrical connection of modules and accessories  type of electrical connection of modules and accessories  type of electrical connection on enclosure  Cable routing above and below, both 1 x M20  tightening torque of the screws in the bracket  1 1.2 N -m  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  during operation  during storage  during operation  during storage  and +80 °C  environmental category during operation according to IEC  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Environmental Froduct Declaration(EPD)  Yes  Global Warming Potential (CO2 eq) total  Global Warming Potential (CO2 eq) during manufacturing  Global Warming Potential (CO2 eq) after end of life  -0.015 kg  Installation/ mounting/ dimonsions  fastening method of modules and accessories  Floor mounting  depth  s5 mm  width  depth  Accessories	·	
- at 50 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V    • at DC rated value 5 500 V    Communication Protocol    design of the interface for communication without    Auxiliary circuit    design of the contact of auxiliary contacts   number of NC contacts for auxiliary contacts   0   number of NC contacts for auxiliary contacts   2    Connections/ Torninals   type of electrical connection of modules and accessories   tightening torque of the screws in the bracket   1		
at DC rated value 5 500 V  Communication Protocol  design of the interface for communication without  Auxillary circuit  design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 2 connections/ Terminals  type of electrical connection of modules and accessories Spring-type terminal  type of electrical connection on enclosure Cable routing above and below, both 1 x M20 tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover 1.5 1.7 N·m  Ambient conditions  ambient temperature  • during operation • during storage 4.0 +80 °C  environmental category during operation according to IEC 60721  Environmental Product Declaration(EPD) Yes Global Warming Potential [CO2 eq] during operation 0.285 kg Global Warming Potential [CO2 eq] during operation 0.235 kg Global Warming Potential [CO2 eq] during operation 0.235 kg Global Warming method of modules and accessories Floor mounting dimensions  fastening method of modules and accessories Floor mounting dimensions  fastening method of modules and accessories Floor mounting depth as a form of the installation opening round  Accessories		5 500 V
Communication/ Protocol   design of the interface for communication   without	— at 60 Hz rated value	5 500 V
Communication/ Protocol   design of the interface for communication   without		
Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  1 connections/ Terminals  type of electrical connection of modules and accessories  type of electrical connection on enclosure  tightening torque of fixing screws in the bracket  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  • during operation • during operation • during storage  environmental category during operation according to IEC  60721  Environmental footprint  Environmental Froduct Declaration(EPD)  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] after end of life  0 0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting/ height  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	Communication/ Protocol	
Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  1 connections/ Terminals  type of electrical connection of modules and accessories  type of electrical connection on enclosure  tightening torque of fixing screws in the bracket  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  • during operation • during operation • during storage  environmental category during operation according to IEC  60721  Environmental footprint  Environmental Froduct Declaration(EPD)  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] during operation  0 2.25 kg  Global Warming Potential [CO2 eq] after end of life  0 0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting/ height  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	design of the interface for communication	without
design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  2  Connections/ Terminals  type of electrical connection of modules and accessories  type of electrical connection on enclosure  Cable routing above and below, both 1 x M20  tightening torque of the screws in the bracket  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  of during operation  of during storage  environmental category during operation according to IEC  60721  Environmental Froduct Declaration(EPD)  Yes  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  global warming potential [CO2 eq] during operation  and serving storage  global warming potential [CO2 eq] during operation  pload in the serving		
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  2  Connections/ Terminals  type of electrical connection of modules and accessories  Spring-type terminal  type of electrical connection on enclosure  Cable routing above and below, both 1 x M20  tightening torque of the screws in the bracket  1 1.2 N·m  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  • during operation • during storage • during operation • ouring storage • during operation • ouring storage • and the screws in the enclosure cover  25 +70 °C • during storage • during operation • our ing storage • during operation • our ing storage • and the screws in the enclosure cover  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Environmental footprint  Environmental Product Declaration(EPD)  Yes  Global Warming Potential [CO2 eq] during manufacturing 0,566 kg  Global Warming Potential [CO2 eq] during manufacturing 0,235 kg  global warming potential [CO2 eq] during operation 0,235 kg  global warming potential [CO2 eq] during operation 0,235 kg  lost warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] during operation 0,235 kg  slobal warming potential [CO2 eq] operation 0,235 kg  slobal warming potential [CO2 eq] operation 0,235 kg  slobal warming potential potential potential potential pot		Silver allov
number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories  Spring-type terminal  type of electrical connection on enclosure  Cable routing above and below, both 1 x M20  tightening torque of the screws in the bracket  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  • during operation • during storage  environmental category during operation according to IEC  60721  Environmental Footuct Declaration(EPD)  Finionmental Product Declaration(EPD)  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] after end of life  global warming potential [CO2 eq] after end of life  -0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  ### Application opening  Round  Accessories  Spring-type terminal  Spring-type terminal  Spring-type terminal  Spring-type terminal  Cable routing above and below, both 1 x M20  Cable routing above and below, both 1 x M20  The M20  Cable routing above and below, both 1 x M20  The M		
type of electrical connection of modules and accessories  type of electrical connection on enclosure  tightening torque of the screws in the bracket  tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature  during operation  during storage  environmental category during operation according to IEC  80721  Environmental Froduct Declaration(EPD)  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  0.235 kg  global warming potential [CO2 eq] after end of life  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  have a spring-type terminal  Cable routing above and below, both 1 x M20  1 1.2 N·m  1 1.2 N·m  1 1.7 N·m  Ambient conditions  3mbient temperature  4 +80 °C  -40 +80 °C  3M6, 382, 382, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Environmental Froduct 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  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  width  85 mm  width  86 mm  depth  75 mm  shape of the installation opening  Accessories		
type of electrical connection of modules and accessories type of electrical connection on enclosure Cable routing above and below, both 1 x M20 tightening torque of the screws in the bracket 1 1.2 N·m tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721  Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during operation Global Warming Potential [CO2 eq] during operation Global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method of modules and accessories Floor mounting width B5 mm width B6 mm shape of the installation opening Accessories	•	
type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature		Continue to the description of
tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover  Ambient conditions  ambient temperature	type of electrical connection of modules and accessories	Spring-type terminal
tightening torque of fixing screws in the enclosure cover  Amblent conditions  amblent temperature  • during operation  • during storage  environmental category during operation according to IEC  60721  Environmental footprint  Environmental Product Declaration(EPD)  Solobal Warming Potential [CO2 eq] total  Global Warming Potential [CO2 eq] during operation  Global Warming Potential [CO2 eq] during operation  global warming potential [CO2 eq] after end of life  1.5 1.7 N·m  1.5 1.7 0 ·C  2.5 +70 °C  4.0 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  1.5 1.7 0 ·C  2.5 +70 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  1.5 +70 °C  2 +70 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  1.5 +70 °C  2.5 +70 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, n		
ambient temperature	type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
ambient temperature     • during operation     • during storage     • du	type of electrical connection on enclosure tightening torque of the screws in the bracket	Cable routing above and below, both 1 x M20 1 1.2 N·m
• during operation     • during storage     •	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover	Cable routing above and below, both 1 x M20 1 1.2 N·m
olduring storage     environmental category during operation according to IEC     environmental category during operation according to IEC     environmental footprint  Environmental Product Declaration(EPD)     Serving Potential [CO2 eq] total     Global Warming Potential [CO2 eq] during manufacturing     Global Warming Potential [CO2 eq] during operation     global warming Potential [CO2 eq] after end of life     Installation/ mounting/ dimensions     fastening method of modules and accessories     Height     width     85 mm     depth     shape of the installation opening     round  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions	Cable routing above and below, both 1 x M20 1 1.2 N·m
environmental category during operation according to IEC 60721 SM6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Environmental Froduct 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  Installation/ mounting/ dimensions fastening method of modules and accessories Floor mounting height 85 mm width 85 mm depth 75 mm shape of the installation opening round Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m
condensation in operation permitted for all devices behind front panel)  Environmental Froduct Declaration(EPD)  Global Warming Potential [CO2 eq] total  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  global warming potential [CO2 eq] after end of life  1-0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  85 mm  width  45 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature • during operation	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C
Environmental Product Declaration(EPD)  Global Warming Potential [CO2 eq] total  Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  Global Warming Potential [CO2 eq] during operation  global warming potential [CO2 eq] after end of life  -0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  85 mm  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C
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  Installation/ mounting/ dimensions fastening method of modules and accessories Floor mounting height 85 mm width 85 mm depth 75 mm shape of the installation opening round  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation  global warming potential [CO2 eq] after end of life  -0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  85 mm  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
Global Warming Potential [CO2 eq] during operation  global warming potential [CO2 eq] after end of life  -0.015 kg  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  85 mm  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
global warming potential [CO2 eq] after end of life  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  85 mm  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes
Installation/ mounting/ dimensions  fastening method of modules and accessories  height  85 mm  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg
fastening method of modules and accessories  Floor mounting  height  85 mm  width  85 mm  depth  75 mm  shape of the installation opening  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg
height 85 mm width 85 mm depth 75 mm shape of the installation opening round Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg
width 85 mm depth 75 mm shape of the installation opening round Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg
depth 75 mm shape of the installation opening round Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg  -0.015 kg
shape of the installation opening round  Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg  -0.015 kg
Accessories	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg  -0.015 kg
	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg  -0.015 kg  Floor mounting  85 mm  85 mm
number of labels 1	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg  -0.015 kg  Floor mounting  85 mm  85 mm  75 mm
	type of electrical connection on enclosure tightening torque of the screws in the bracket tightening torque of fixing screws in the enclosure cover Ambient conditions  ambient temperature	Cable routing above and below, both 1 x M20  1 1.2 N·m  1.5 1.7 N·m  -25 +70 °C  -40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes  0.787 kg  0.566 kg  0.235 kg  -0.015 kg  Floor mounting  85 mm  85 mm  75 mm

0

### **Approvals Certificates**

#### **General Product Approval**





Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Special Test Certificate Type Test Certificates/Test Report





Marine / Shipping

other

**Environment** 





Confirmation

Environmental Confirmations

#### Further information

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

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=3SU1801-0BA00-4AB1

Cax online generator

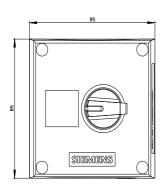
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1801-0BA00-4AB1}$ 

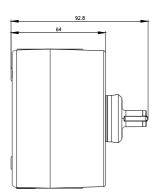
 ${\bf Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)}$ 

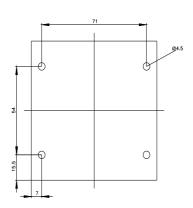
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0BA00-4AB1

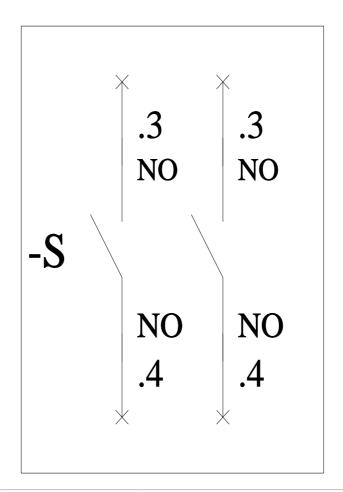
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1801-0BA00-4AB1&lang=en









last modified: 11/7/2023 🖸

