# **SIEMENS**

## **Data sheet**

product brand name

## 3SU1802-0AC10-4HB1



AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 2 control points plastic, Recess for labels, B=Pushbutton white, label: I, 1 NO, spring-type terminal, A=Pushbutton black label: O 1 NC, spring-type terminal, floor mounting, Insulation displacement system on top, Labels enclosed

product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = Pushbutton / B = Pushbutton
manufacturer's article number	
of supplied contact module	A1 = 3SU1400-2AA10-3CA0 / B2 = 3SU1400-2AA10-3BA0
<ul> <li>of supplied contact module at the command point A 1</li> </ul>	3SU1400-2AA10-3CA0
<ul> <li>of supplied contact module at the command point B 2</li> </ul>	3SU1400-2AA10-3BA0
<ul> <li>of supplied communication module</li> </ul>	AB = 3SU1400-2EK10-6AA0
<ul> <li>of the supplied holder</li> </ul>	A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0
<ul> <li>of the supplied holder at the command point A</li> </ul>	3SU1500-0AA10-0AA0
<ul> <li>of the supplied holder at the command point B</li> </ul>	3SU1500-0AA10-0AA0
<ul> <li>of the supplied actuator</li> </ul>	A = 3SU1000-0AB10-0AA0 / B = 3SU1000-0AB60-0AA0
<ul> <li>of the supplied actuator at the command point A</li> </ul>	3SU1000-0AB10-0AA0
<ul> <li>of the supplied actuator at the command point B</li> </ul>	3SU1000-0AB60-0AA0
of supplied empty enclosure	3SU1802-0AA00-0AB1
<ul> <li>of supplied accessory</li> </ul>	A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0
<ul> <li>of the supplied accessories at the command point A</li> </ul>	3SU1900-0AF16-0QA0
• of the supplied accessories at the command point B	3SU1900-0AF16-0QB0
Enclosure	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	plastic
number of command points	2
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	Yes
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	Pushbutton / pushbutton
suitability for use EMERGENCY OFF switch	No
product feature lockout	No
product extension optional light source	No
color of the actuating element	A = black / B = white
material of the actuating element	plastic
shape of the actuating element	round

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number of contact modules  Product component front ring design of the front ring Standard A = none / 8 = none Product component front ring Standard A = none / 8 = none Product component front ring Assign of the front ring Passic Color of the front ring Passic Color of the front ring Assign A = None As		
product component front ring product component front ring plastic color of the Front ring plas	number of contact modules	2
product component front ring design of the front ring plastic color of the front ring black Holder material of the holder Plastic Product function product func		A = none / B = none
design of the front ring plastic color of the front ring plastic color of the front ring plastic plastic color of the front ring plastic plast		
material of the Front ring black  Cool of the Front ring black  Product of the Front ring black  Marketal of the holder Plastic  Plastic  Plastic  Occurrent behavior of LED modules  Occurrent behavior of LED modules  Product function  Possible opening  EMERGENCY OFF function  Profescion class IP Plastic  Profescion class IP Plastic  Profescion class IP Plastic  Profescion class IP Plastic  According to IEC 60068-2.7  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  Vibration resistance  ***according to IEC 60068-2.4  For railway applications according to EN 61373  To railway applications according to EN 613		
color of the front ring  material of the holder  material of the holder  Tipplay  Caneral technical data  product function  • positive opening  • EMERGENCY STOP function  • IMPRICENCY STOP function  • IMPRICENCY STOP function  • IMPRICENCY STOP function  • IMPRICENCY STOP function  • caccording to IEC 60068-2-27  • for rallway applications according to EN 81373  • caccording to IEC 60068-2-27  • for rallway applications according to EN 81373  Category 1, Class B  Whatation resistance  • according to IEC 60068-2-2  • for rallway applications according to EN 81373  Category 1, Class B  Tefrence code according to IEC 81346-2  S continuous current of the Quick DMAZED fuse link by  • for a short-circuit current smaller than 400 A  continuous current of the Quick DMAZED fuse link by  • and Continuous current of the Quick DMAZED fuse link by  • at AC  — at 50 Hz rated value  • at CC  — at 50 Hz rated value  •		
Interior of the holder Plastic  Tomoral technical data product function   Plastic    Tomoral technical data    Product function   Plastic    Tomoral technical data    Product function   Plastic    Tomoral technical data    Product function   Plastic    Tomoral technical data    Product function   Plastic    Tomoral technical data    Product function   Plastic    Tomoral technical data    Product function    Tomoral technical data    Tomoral data    Tomoral technical devices    Tomoral technical data    Tomoral technical		
material of the holder    Plastic		DIACK
Obsplay number of LED modules Officeral technical data product function • positive opening • EMERGENCY OFF function • Description • EMERGENCY OFF function • Description • EMERGENCY OFF function • Description • EMERGENCY STOP function Protection class IP  IPB6, IPB7, IPB9(JPB8)  IPB6, IPB7, IPB		Disable
Trumber of LED modules    Control technical data		Plastic
Central technical data  product function  protection (Lass IP)  elements (ENCY STOP function No  elements (ENCY STOP function No  protection class IP)  degree of protection NEMA rating 1, 2, 3, 87, 44, 47, 124, 13  shock resistance  • according to IEC 60088-2-27  • for ralway applications according to EN 61373  Vibration resistance  • according to IEC 60088-0-28  • for ralway applications according to EN 61373  Vibration resistance  • according to IEC 60088-0-29  • for ralway applications according to EN 61373  Category 1, Class B  vibration resistance  • according to IEC 60088-10  • for ralway applications according to EN 61373  Category 1, Class B  reference code according to IEC 61346-2  Social continuous current of the Characteristic MGB  to A, for a short-circuit current smaller than 400 A  continuous current of the Quick DIAZED fuse link  to A  continuous current of the DIAZED fuse link gG  substance Prohibitance (Data)  operating voltage  • at AC  — at 50 Hz rated value  — at 60 Hz rated value — at 60 Hz rated v		0
product function  • positive opening • EMERGENCY OFF function • EMERGENCY STDF function • EMERGENCY STDF function • EMERGENCY STDF function • No • EMERGENCY STDF function • No • EMERGENCY STDF function • No protection class IP • IP86, IP67, IP69(IP69K)  degree of protection NEMA rating • 1, 2, 3, 3R, 4, 4X, 12K, 13  shock resistance • according to IEC 60068-2-27 • for railway applications according to EN 61373 Category 1, Class B  Vibration resistance • according to IEC 60068-2-28 • for railway applications according to EN 61373 Category 1, Class B  Vibration resistance • according to IEC 60068-2-28 • for railway applications according to EN 61373 Category 1, Class B  Vibration resistance • according to IEC 81346-2 S Continuous current of the QukE DIAZED fuse link C Octinuous current of the QukE DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A Continuous current of the QukE DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A Continuous current of the QukE DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A Continuous current of the QukE DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A Continuous current of the QukE DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A Continuous current of the QukE DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A Continuous current of the DIAZED fuse link G  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A; for a short-circuit current smaller than 400 A  10 A;	1 11 1	0
Positive opening		
EMERGENCY OFF function Protection class IP IP66, IP67, IP69(IP69K)  degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12K, 13  shock resistance  * according to IEC 60068-2-27 * for railway applications according to EN 61373 Category 1, Class B  vibration resistance  * according to IEC 60068-2-6 * for railway applications according to EN 61373 Category 1, Class B  vibration resistance  * according to IEC 60068-2-6 * for railway applications according to EN 61373 Category 1, Class B  vibration resistance  * according to IEC 60068-2-6 * for railway applications according to EN 61373 Category 1, Class B  vibration resistance  * according to IEC 60068-2-6 * for railway applications according to EN 61373 Category 1, Class B  vibration resistance  * according to IEC 60068-2-6 * for railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway applications according to EN 61373 Category 1, Class B  vibration railway application railway and accessories Spring-type terminal vibration railway application deplacement method) vibration railway application railway and accessories Spring-type terminal vibration railway application according to IEC vibration railway application railway and accessories Spring-type terminal vibration railway application according to IEC vibration railway application period of the installation opening vibration railway application according to IEC vibration railway application according to IE	•	Voc
EMERGENCY STOP function Protection class IP Pieß, IPS7, IPB9(IPB9K) degree of protection NEMA rating 1, 2, 3, SR, 4, 4X, I2K, 13  shock resistance  * according to IEC 60088-2-27  * for railway applications according to EN 61373  Category 1, Class B  Vibration resistance  * according to IEC 60088-2-6  * for railway applications according to EN 61373  Category 1, Class B  Vibration resistance  * according to IEC 60088-2-6  * for railway applications according to EN 61373  Category 1, Class B  Teference code according to IEC 63146-2  Socritinuous current of the QLE 61346-2  Socritinuous current of the QLE		
protection class IP   IP66, IP67, IP69(IP69K)   IP66, IP67, IP69(IP69K)   IP66, IP67, IP69(IP69K)   IP66, IP67, IP69(IP69K)   IP67, IP67, IP69(IP69K)   IP67, IP67, IP69(IP69K)   IP67, IP67, IP69(IP69K)   IP67, IP67, IP67, IP67, IP67, IP67, IP67, IP67, IP69(IP69K)   IP67, IP67		
degree of protection NEMA rating shock resistance according to IEC 60068-2-7 for railway applications according to EN 61373 wibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 wibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B  10 500 Hz: 5g Category 1, Class B  reference code according to IEC 81346-2 Sontinuous current of the Characteristic MCB 10 A; for a short-circuit current smaller than 400 A continuous current of the Quick DIAZED fuse link GO continuous current of the Quick DIAZED fuse link GO continuous current of the DIAZED fuse link GO Substance Prohibitance (Date)  operating voltage at AC  - at 50 Hz rated value - at 60 Hz rated		
shock resistance  according to IEC 60068-2-27  for railway applications according to EN 61373  vibration resistance  according to IEC 60068-2-6  for railway applications according to EN 61373  reference code according to IEC 81346-2  Sociativa current of the C characteristic MCB  continuous current of the C characteristic MCB  continuous current of the C characteristic MCB  continuous current of the DIAZED fuse link  continuous current of the DIAZED fuse link G  at AC  at 50 Hz rated value  at C  at 50 Hz rated value  at 60 Hz rated value  at 50 Hz rated value  at 60 Hz rated value  at 50 Hz rated value  at 60 Hz rated value  at 60 Hz rated value	·	
* according to IEC 60068-2-27     * for railway applications according to EN 61373     * Category 1, Class B     * vibration resistance     * according to IEC 60068-2-6     * for railway applications according to EN 61373     * Category 1, Class B     * for railway applications according to EN 61373     * Category 1, Class B     * for railway applications according to EN 61373     * Category 1, Class B     * for railway applications according to EN 61373     * Category 1, Class B     * for railway applications according to EN 61373     * Category 1, Class B     * continuous current of the Quick DIAZED fuse link Continuous current of the PLAZED fuse link G     * continuous current of the PLAZED fuse link gG     * 10 A     * Continuous current of the DLAZED fuse link gG     * at AC     * — at 50 Hz rated value     * at AC     * — at 50 Hz rated value     * at AC     * — at 60 Hz rated value     * at AC     * — at 60 Hz rated value     * at AC     * — at 60 Hz rated value     * at AC     * — at 50 Hz rated value     * at AC     * — at 50 Hz rated value     * at AC     * — at 60 Hz rated value     * at AC     * — at 80 Hz rated value     * at AC     * — at 80 Hz rated value     * at AC     * — at 80 Hz rated value     * at AC     * — at 90 Hz rated value     * at AC     * — at 90 Hz rated value     * at AC     * — at 90 Hz rated value     * at AC     * — at 90 Hz rated value     * at 10 C rated val		, , , , -, , , , , -, ,
• for railway applications according to EN 61373     Vibration resistance     • according to IEC 60068-2-6     • for railway applications according to EN 61373     Category 1, Class B     reference code according to IEC 81346-2     S     continuous current of the Characteristic MCB     continuous current of the Characteristic MCB     continuous current of the DIAZED fuse link     continuous current of the DIAZED fuse link G     continuous current of the DIAZED fuse lin		sinusoidal half-wave 15g / 11 ms
wibration resistance	•	-
reference code according to EN 61373  reference code according to IEC 81346-2  S continuous current of the C characteristic MCB  continuous current of the Quick DIAZED fuse link  continuous current of the Quick DIAZED fuse link g  substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 150 Hz rated value		
reference code according to EN 61373  reference code according to IEC 81346-2  S continuous current of the C characteristic MCB  continuous current of the Quick DIAZED fuse link  continuous current of the Quick DIAZED fuse link g  substance Prohibitance (Date)  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at 150 Hz rated value	• according to IEC 60068-2-6	10 500 Hz: 5g
reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the culck DIAZED fuse link continuous current of the DIAZED fuse link g  continuous current of the DIAZED fuse link g  10 A Substance Prohibitance (Date) operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value  • at DC rated value  •		The state of the s
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG 10 A   Substance Prohibitance (Date) 10/01/2014   operating voltage   • at AC		
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	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date) operating voltage • at AC  — at 50 Hz rated value • at DC rated value  cable entry type  Communication/ Protocol  design of the interface for communication  type of electrical connection of the communication interface  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 type of electrical connection of modules and accessories  type of electrical connection of modules and accessories  type of electrical connection on enclosure  dapter ASI shaped cable (insulation displacement method)  1 1.2 N·m  tightening torque of fixing 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  firstallation/mounting/ dimensions  fastening method of modules and accessories Floor mounting height 134.4 mm  width depth 75 mm  round	continuous current of the quick DIAZED fuse link	10 A
operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value 18 31.6 V  • at DC rated value 18 31.6 V  cable entry type Adapter ASI shaped cable (insulation displacement method) M20 cable entry  Communication/ Protocol design of the interface for communication type of electrical connection of the communication interface Auxiliary circuit design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories Spring-type terminal type of electrical connection on enclosure Adapter ASI shaped cable (insulation displacement method) tightening torque of the screws in the bracket 1 1.2 N·m Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method of modules and accessories Floor mounting height depth 75 mm shape of the installation opening round	continuous current of the DIAZED fuse link gG	10 A
at AC  — at 50 Hz rated value  — at 60 Hz rated value  18 31.6 V  • at DC rated value  18 31.6 V  cable entry type  Adapter ASI shaped cable (insulation displacement method) M20 cable entry  Communication/ Protocol  design of the interface for communication type of electrical connection of the communication interface  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 the screws in the bracket tightening torque of fixing screws in the enclosure cover  Ambient conditions  amblent temperature  • during operation • during poration • during storage environmental category during operation according to IEC 60721 convections fastening method of modules and accessories Floor mounting floor mounting/ dimensions fastening method of modules and accessories Floor mounting width depth 75 mm shape of the installation opening  round	Substance Prohibitance (Date)	10/01/2014
- at 50 Hz rated value - at 60 Hz rated value - at 60 Hz rated value - at 60 Hz rated value - at 50 Fixed value - at 50 Hz rated value	operating voltage	
- at 60 Hz rated value  • at DC rated value  Adapter ASI shaped cable (insulation displacement method) M20 cable entry  Communication/ Protocol  design of the interface for communication  type of electrical connection of the communication interface  Auxiliary circuit  design of the contact of auxiliary contacts  Silver alloy  number of NC contacts for auxiliary contacts  1  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 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  and says a second secon	• at AC	
• at DC rated value  cable entry type  Adapter ASI shaped cable (insulation displacement method) M20 cable entry  Communication/ Protocol  design of the interface for communication interface  Auxillary circuit  design of the contact of auxillary contacts  number of NC contacts for auxillary contacts  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  60721  fastening method of modules and accessories  Floor mounting  fastening method of modules and accessories  Floor mounting  fastening method of modules and accessories  Floor mounting  final fastening method of modules and accessories  Floor mounting  fastening method of modules and accessories  Floor mounting  final fastening method of modules and accessories  Floor mounting  fastening method of modules  fastening method of modules  fastening method of modules  fastening m	— at 50 Hz rated value	18 31.6 V
cable entry type  Communication/ Protocol  design of the interface for communication	— at 60 Hz rated value	18 31.6 V
design of the interface for communication type of electrical connection of the communication interface  Auxiliary circuit  design of the contact of auxiliary contacts Insulation piercing technology top/right  Auxiliary circuit  design of the contact of auxiliary contacts Silver alloy number of NC contacts for auxiliary contacts 1  Connections/ Terminals type of electrical connection of modules and accessories Spring-type terminal type of electrical connection on enclosure Adapter ASI shaped cable (insulation displacement method) 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 -25 +70 °C 40 +80 °C environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories Floor mounting height 134.4 mm width 85 mm depth 75 mm shape of the installation opening round	at DC rated value	
design of the interface for communication type of electrical connection of the communication interface  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 enclosure cover  Ambient conditions  ambient temperature  e during operation e during storage environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions fastening method of modules and accessories  Floor mounting height width 85 mm depth 75 mm shape of the installation opening	cable entry type	Adapter ASI shaped cable (insulation displacement method) M20 cable entry
type of electrical connection of the communication interface  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  1  number of NO contacts for auxiliary contacts  type of electrical connection of modules and accessories  type of electrical connection of modules and accessories  type of electrical connection on enclosure  Adapter ASI shaped cable (insulation displacement method)  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  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  134.4 mm  width  85 mm  depth  75 mm  shape of the installation opening	Communication/ Protocol	
Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  type of electrical connection of modules and accessories  type of electrical connection on enclosure  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  60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  134.4 mm  width  85 mm  depth  75 mm  shape of the installation opening	design of the interface for communication	AS-i
design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  Connections/ Terminals  type of electrical connection of modules and accessories  type of electrical connection on enclosure  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 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  134.4 mm  width  45 mm  shape of the installation opening  Spring-type terminal  1.  1.  1.  1.  1.  1.  1.  1.  1.  1	• •	Insulation piercing technology top/right
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  type of electrical connection of modules and accessories  type of electrical connection on enclosure  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  60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  134.4 mm  width  depth  75 mm  shape of the installation opening		
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 Adapter ASI shaped cable (insulation displacement method)  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  installation/ mounting/ dimensions  fastening method of modules and accessories height width 45 mm  shape of the installation opening  Spring-type terminal  1 1.2 N·m 1 1.2 N·m  1 1.7 N·m  Adapter ASI shaped cable (insulation displacement method)  1 1.2 N·m  1 1.2 N·m  4 1.2 N·m  1 1.7 N·m  Ambient temperature  • during operation • during operation • during storage - 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)  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting height round		Silver alloy
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  Adapter ASI shaped cable (insulation displacement method)  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  ask		
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 60721  installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  width  85 mm  depth  shape of the installation opening  Spring-type terminal  Adapter ASI shaped cable (insulation displacement method)  1 1.2 N·m  1 1.2 N·m  1 1.7 N·m  Adapter ASI shaped cable (insulation displacement method)  1 1.2 N·m  1 1.2 N·m  1 1.7 N·m  4 1.8 °C  -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)  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  134.4 mm  width  85 mm  depth  round		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  • during operation • during storage  environmental category during operation according to IEC 60721  stateliation/ mounting/ dimensions  fastening method of modules and accessories  height  width  85 mm  depth  shape of the installation opening  Adapter ASI shaped cable (insulation displacement method)  1 1.2 N·m  1 1.2 N·m  1 1.2 N·m  1 1.7 N·m  2 1.7 N·m  3 1.7 N·m  2 1.7 N·m  4 1.2 N·m  1		
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  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  installation opening  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)		
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  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  width  width  shape of the installation opening  1.5 1.7 N·m  1.5		
ambient temperature  ● during operation  • during storage  environmental category during operation according to IEC condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions  fastening method of modules and accessories  Floor mounting  height  installation width  installation opening  for mounting  height  installation opening  round		
ambient temperature		1.5 1.7 N·m
<ul> <li>◆ during operation</li> <li>-25 +70 °C</li> <li>◆ during storage</li> <li>-40 +80 °C</li> <li>environmental category during operation according to IEC 60721</li> <li>Installation/ mounting/ dimensions</li> <li>fastening method of modules and accessories</li> <li>Floor mounting</li> <li>height</li> <li>width</li> <li>width</li> <li>depth</li> <li>75 mm</li> <li>shape of the installation opening</li> </ul>		
● during storage  -40 +80 °C  environmental category during operation according to IEC 60721  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  width  85 mm  depth  shape of the installation opening  -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)  134.4 mm  85 mm  round	-	
environmental category during operation according to IEC 60721 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions fastening method of modules and accessories Floor mounting height 134.4 mm width 85 mm depth 75 mm shape of the installation opening round		
60721 condensation in operation permitted for all devices behind front panel)  Installation/ mounting/ dimensions  fastening method of modules and accessories  height  134.4 mm  width  85 mm  depth  75 mm  shape of the installation opening  round		
fastening method of modules and accessories  height  134.4 mm  width  85 mm  depth  75 mm  shape of the installation opening  round		
height134.4 mmwidth85 mmdepth75 mmshape of the installation openinground	Installation/ mounting/ dimensions	
width85 mmdepth75 mmshape of the installation openinground	fastening method of modules and accessories	Floor mounting
depth     75 mm       shape of the installation opening     round	height	134.4 mm
shape of the installation opening round	width	85 mm
	depth	75 mm
Accessories	shape of the installation opening	round
	Accessories	

number of labels	2
marking of the name plate for command devices	A = O / B = I
color of the label	A = black / B = black
number of inscription plates	0
Certificates/ approvals	

#### **General Product Approval**





Confirmation







**Declaration of Conformity** 

**Test Certificates** 

other

**Environment** 





**Special Test Certific-**<u>ate</u>

Type Test Certificates/Test Report

Confirmation

**Environmental Confirmations** 

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=3SU1802-0AC10-4HB1

Cax online generator

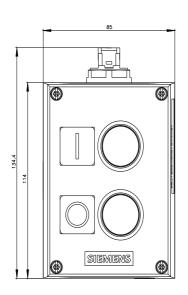
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AC10-4HB1

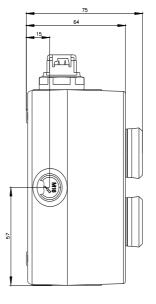
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

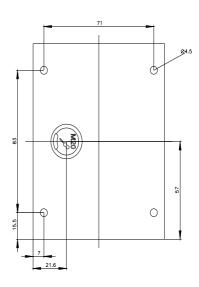
https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AC10-4HB1

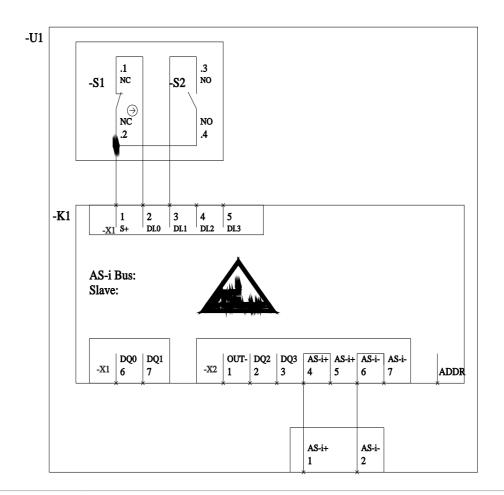
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1802-0AC10-4HB1&lang=en









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## **Mouser Electronics**

**Authorized Distributor** 

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3SU18020AC104HB1