## SIEMENS

## Data sheet

## 3SU1100-0AB20-1FA0-Z Y13



Pushbutton, 22 mm, round, plastic, red, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, screw terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1FA0</u>
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1000-0AB20-0AA0</u>
number of command points	1
Actuator	
design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	No
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
marking of the actuating element	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417
number of contact modules	1
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function positive opening	Yes
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13

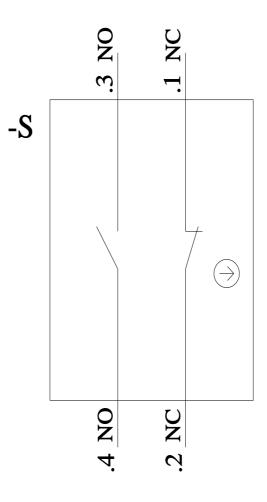
ambient temperature• during operation• during storage-40 +80 °Cenvironmental category during operation according to IEC60721of during storage-stallation/mounting/ dimensionsfastening method• of modules and accessoriesFront plate mountingheightwidthshape of the installation openingmounting diameterpositive tolerance of installation diametermounting heightinstallation widthinstallation width29.5 mminstallation widthinstallation width71.7 mm		
• for raiway applicators according to EN 61373         Vibration restance             • according to IEC 60068-24             • for raiway applicators according to EN 61373             • according to IEC 60068-24             • for raiway applicators according to EN 61373             • according to IEC 60068-24             • for raiway applicators according to EN 61373             • according to IEC 60068-24             • for raiway applicators according to IEC 81340-2             • according to IEC 81346-2             Solution control IEC 81346-2             Solution control of the quick DAZED fuse IIIN gO             • acto C             • acco		
where nestance         10500 Hz: 5g           is according to EC 6008-2.4         10500 Hz: 5g           is for adway applications according to EN 61373         Category 1, Class B           operating frequency maximum         3600 1h           mechanical service life (witching cycles) typical         10.000 000           electrical endurance (witching cycles) typical         10.000 000           electrical endurance (witching cycles) typical         10.000 000           continuous current of the Charteristis MB         10 A, for a short-circuit current smaller than 400 A           continuous current of the QuAZED fuse link gO         100.4           Substance Prohibitance (Date)         100.1/2014           operating voltage	-	-
		Category 1, Class B
• for nalway applications according to EN 1373         Category 1, Class B           operating frequency maximum         3600 hn           mechanical service life (switching cycles) typical         10 000 000           iteramat current         10 A           reference code according to EC 81346-2         S           continuous current of the Catacteristic MCB         10 A           continuous current of the Quick DIAZED fuse link         10 A           continuous current of the Quick DIAZED fuse link         10 A           continuous current of the Quick DIAZED fuse link         1001/2014           operating voltage         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V		
operating frequency maximum         3 600 /h           mechanical service life (switching cycles) typical         10 000 000           decicial endivance (switching cycles) typical         10 000 000           thermal current         10 A           reference code according to IEC 81346-2         S           continuous current of the Qick DAZED fuse link gG         10 A           Substance Prohibitance (Date)         100 A           operating voltage         100 (2014)           - at 50 h2 rated value         5 500 V           - at 50 h2 rated value         5 500 V           - at 50 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 50 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5 500 V           - at 60 h2 rated value         5.	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
mechanical service life (switching cycles) typical         10 000 000           electrical endurance (switching cycles) typical         10 000 000           itemmal current         10 A           reference code according to IEC 81346-2         S           continuous current of the Quatcateristic MCB         10 A for a short-circuit current smaller than 400 A           continuous current of the Quatcateristic MCB         10 A           Substance Prohibitance (Date)         1001/2014           operating voltage         -           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V <td><ul> <li>for railway applications according to EN 61373</li> </ul></td> <td>Category 1, Class B</td>	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
electrical endurance (switching cycles) typical         10 000 000           thermal current         10 A           reference code according to IEC 81346-2         S           continuous current of the Cicharacteristic MCB         10 A for a short-circuit current smaller than 400 A           continuous current of the DIAZED fuse link g0         10 A           Substance Prohibitance (Date)         1001/2014           operating Voltage         -           - at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - on ot 01 Contacts for auxillary contacts         1           number of NC contacts for auxillary contacts         1           type of connectole conduct or coses.sections         Scre	operating frequency maximum	3 600 1/h
thermal current         10 A           reference code according to IEC 81346-2         S           continuous current of the Qck DIAZED fuse link         10 A           10 A         10 A           continuous current of the QLED fuse link         10 A           Substance Prohibitance (Date)         1001/2014           operating voltage         5500 V           - at 50 Hz reted value         5500 V           - at 60 reted for auxiliary contacts         1           number of NC contacts for auxiliary contacts         1           contact of auxiliary contacts         1           contact for auxili	mechanical service life (switching cycles) typical	10 000 000
reference code according to IEC 81345-2 s continuous current of the Charactoristic MCB 10 A for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link gG 10 A Subtance Prohibitance (Date) 10 A contributance 10 A contributance 5 500 V at 60 Hz rated value 5 500 V contributance (Date) 5 500 V contributance (Date) 10 A contributance 10 A contributance 10 A contributance 10 A contributance 5 500 V contributance 10 A contributance 5 500 V contributance 5 500 V contributance 10 A contributa	electrical endurance (switching cycles) typical	10 000 000
continuous current of the C charactoristic MCB     10 A; for a short-circuit current smaller than 400 A       continuous current of the Quick DIAZED fuse link     10 A       Substance Prohibitance (Date)     100/1/2014       operating voltage     10 A	thermal current	10 A
continuous current of the guick DIAZED fuse link gO         10 A           continuous current of the DIAZED fuse link gO         10 0/1/2014           oparating voltage         10 0/1/2014           oparating voltage         10 0/1/2014           oparating voltage         5 500 V           - at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Ficoscients         5 500 V	reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG     10 A       Substance Prohibitance (Date)     1001/2014       operating voltage     1001/2014       • at AC	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Substance Prohibitance (Date)         1001/2014           operating voltage	continuous current of the quick DIAZED fuse link	10 A
operating voltage <ul> <li>at AC</li> <li>at 50 Hz rated value</li> <li>at 50 Hz rated value contact for auxiliary contacts</li> <li>at 50 Hz rated value contact for auxiliary contacts</li> <li>at 50 Hz rated value contact for auxiliary contacts</li></ul>	continuous current of the DIAZED fuse link gG	10 A
operating voltage <ul> <li>at AC</li> <li>at 50 Hz rated value</li> <li>at 50 Hz rated value contact 50 ratiliary contacts</li> <li>at 50 Hz rated value contact 50 ratiliary contacts</li></ul>	Substance Prohibitance (Date)	10/01/2014
	· · · · ·	
	— at 50 Hz rated value	5 500 V
Power Electronics           contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Auxiliary circuit         Silver alloy           design of the contact of auxiliary contacts         1           number of NC contacts for auxiliary contacts         1           contactions/ Terminals         screw-type terminals           connectable conductor cross-sections         screw-type terminal           e solid with core end processing         2x (0.5 0.75 mm <sup>2</sup> )           e solid with core end processing         2x (1.0 1.5 mm <sup>2</sup> )           e finely stranded with core end processing         2x (1.0 1.5 mm <sup>2</sup> )           e finely stranded with core end processing         2x (1.0 1.5 mm <sup>2</sup> )           e fundy cables         2x (1.0 1.5 mm <sup>2</sup> )           e fundy cables         2x (1.0 1.5 mm <sup>2</sup> )           e during orque of the screws in the bracket         1 1.2 N·m           tightening torque with screw-type terminals         0.8 9.9 Nm           Ambient conditions         -40 480 °C           ambient temperature         -40 480 °C           environmental category during operation according to ICC         3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no           of modules and accessories         Front plate mounting		
contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Auxiliary circuit         design of the contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         1         1           Connections/ Terminals         5         1           Connections/ Terminal         screw-type terminal         5           type of electrical connection         screw-type terminal         5           • of modules and accessories         Screw-type terminal         5           • solid with core end processing         2x (0.5 0.75 mm <sup>3</sup> )         2x (0.5 0.75 mm <sup>3</sup> )           • solid without core end processing         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1.5 mm <sup>3</sup> )         2x (1.0 1.5 mm <sup>3</sup> )           • at AWG cables         2x (1.0 1		
million (5 V, 1 mA)           Auxiliary circuit           design of the contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         1           Connections/ Terminals         Sorew-type terminals           Connections/ Terminals         Screw-type terminal           type of electrical connection         screw-type terminal           of modules and accessories         Screw-type terminal           type of connectable conductor cross-sections         esolid without core end processing         2x (0.50.75 mm <sup>3</sup> )           esolid without core end processing         2x (1.015 mm <sup>3</sup> )         Solid without core end processing         2x (1814)           tightening torque of the screws in the bracket         112 Nm         Solid with core end processing         2x (1814)           tightening torque with screw-type terminals         0.80.9 N·m         Solid with core end processing         2.5 470 °C           eduring operation         -25 470 °C         -40 480 °C         -40 480 °C           ambient temperature         -25 470 °C         -40 480 °C         -40 480 °C           of modules and accessories         Front plate mounting         -60 cring storage         -40 480 °C           of modules and accessories         Front plate mounting         -60 c		
Auxiliary circuit         Silver alloy           design of the contact of auxiliary contacts         1           number of NC contacts for auxiliary contacts         1           Connections/ Terminals         1           type of olectrical connection         screw-type terminals           of modules and accessories         Screw-type terminal           type of connectable conductor cross-sections         solid with core end processing           a solid with core end processing         2x (0.50.75 mm <sup>2</sup> )           solid without core end processing         2x (101,5 mm <sup>2</sup> )           a finely stranded with core end processing         2x (101,5 mm <sup>2</sup> )           a tAVKC cables         2x (101,5 mm <sup>2</sup> )           at AVKC cables         2x (10	contact reliability	
design of the contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         1           number of NG contacts for auxiliary contacts         1           connections/ Torminals         screw-type terminal           type of electrical connection         screw-type terminal           • of modules and accessories         Screw-type terminal           type of connectable conductor cross-sections         • solid with core end processing           • solid without core end processing         2x (1.0 1.5 mm <sup>2</sup> )           • finely stranded with core of processing         2x (10 1.5 mm <sup>2</sup> )           • at AVG cables         2x (10 1.5 mm <sup>2</sup> )           • at AVG cables         2x (1.1 1.2 Nm           tightening torque of the screws in the bracket         1 1.2 Nm           tightening torque with screw-type terminals         0.8 0.9 Nm           Ambient conditions         -25 +70 °C           amblent temperature         40 uring storage           • during operation         -25 +70 °C           • during storage         70 moltales and accessories           Front plate mounting         foont plate mounting           of modules and accessories         Front plate mounting           • of modules and accessories         Front plate mounting	Auxiliary circuit	
number of NC contacts for auxiliary contacts         1           Connections/ Terminals         1           Connections/ Terminals         screw-type terminals           vpe of electrical connection         screw-type terminal           • of modules and accessories         Screw-type terminal           • solid with core end processing         2x (0.5 0.75 mm²)           • solid with core end processing         2x (1.0 1.5 mm²)           • finely stranded with core end processing         2x (1.0 1.5 mm²)           • at AVG cables         2x (1.0 1.5 mm²)           • at AVG cables         0.8 0.9 N:m           Ambient conditions         ambient conditions           ambient conditions         ambient conditions           ambient conditions         -25 +70 °C           • during operation         -25 +70 °C           • during operation         -25 +70 °C           • during operation according to IEC         3M6.322, 382, 362, 33.3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)           nstallation/mounting/ dimensions         Front plate mounting           fastening method         front plate mounting           • of modules and accessories         Front plate mounting           height         40 mm		Silver allov
number of NO contacts for auxillary contacts         1           Connections/ Terminals         screw-type terminals           type of electrical connection         screw-type terminal           of modules and accessories         Screw-type terminal           type of connectable conductor cross-sections         solid with core end processing         2x (0.5 0.75 mm <sup>2</sup> )           solid with core end processing         2x (1.0 1.5 mm <sup>2</sup> )         Screw-type terminal           e solid with out core end processing         2x (1.0 1.5 mm <sup>2</sup> )         Screw-type terminal           e solid with out core end processing         2x (1.0 1.5 mm <sup>2</sup> )         Screw-type terminal           e solid with core end processing         2x (1.0 1.5 mm <sup>2</sup> )         Screw-type terminal         Screw-type terminal           e starbact conditions         0.8 0.9 Nrm         Screw-type terminal         Screw-type terminal           Ambient conditions         -25 +70 °C         -40 +80 °C         Screw-type terminal           ambient tomperature         -40 +80 °C         Strew-type terminal         Screw-type terminal           of modules and accessories         Front plate mounting         Screw-type terminal         Screw-type terminal           stallation / mounting / dimensions         Front plate mounting         Screw-type terminal         Screw-type terminal <t< td=""><td></td><td></td></t<>		
connections/ Terminals           type of electrical connection         screw-type terminals           of modules and accessories         Screw-type terminals           type of connectable conductor cross-sections         solid with core end processing         2x (0.5 0.75 mm²)           solid with core end processing         2x (1.0 1.5 mm²)         2x (0.5 0.75 mm²)           e solid without core end processing         2x (1.0 1.5 mm²)         2x (0.5 0.75 mm²)           e finely stranded without core end processing         2x (1.0 1.5 mm²)         2x (0.5 0.75 mm²)           e finely stranded without core end processing         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)           e finely stranded without core end processing         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)           e at AWG cables         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)           at AWG cables         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)           e during otraue of the screws in the bracket         1 1.2 N·m         0.8 0.9 N·m           Ambient conditions         40 +80 °C         20 +80 °C           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)           nstallation mounting / dimension		
type of electrical connection         screw-type terminals           • of modules and accessories         Screw-type terminal           type of connectable conductor cross-sections         solid with core end processing           • solid with core end processing         2x (0.5 0.75 mm²)           • solid with core end processing         2x (0.5 1.5 mm²)           • finely stranded with core end processing         2x (10 1.5 mm²)           • at AWG cables         2x (18 14)           tightening torque of the screws in the bracket         1 1.2 N·m           tightening torque of the screws in the bracket         1 1.2 N·m           tightening torque of the screw-type terminals         0.8 0.9 N·m           Ambient conditions         -           ambient temperature         -           • during storage         -40 +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)           nstallation/ mounting/ dimensions         Front plate mounting           fastening method         front plate mounting           • of modules and accessories         Front plate mounting           height         40 mm           off biastallation opening         round	-	
• of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       • solid with core end processing         • solid without core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (0.5 1.5 mm²)         • finely stranded without core end processing       2x (1.0 1.5 mm²)         • at AWG cables       2x (1.0 1.5 mm²)         • at AWG cables       2x (1.0 1.5 mm²)         • at WG cables       -25 +70 °C         • ouring operation </td <td></td> <td></td>		
type of connectable conductor cross-sections		screw-type terminals
<ul> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>2x (1.0 1.5 mm<sup>2</sup>)</li> <li>2x (1.0 1.5 m<sup>2</sup>)</li> <li>2.5 1.5 m<sup>2</sup></li> <li>3.6 .0.9 Nm</li> <li>3.6 .0.9 Nm<td></td><td>Screw-type terminal</td></li></ul>		Screw-type terminal
• solid without core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)         • finely stranded without core end processing       2x (1.0 1,5 mm²)         • at AWG cables       0.8 0.9 N·m         Ambient conditions       0.8 0.9 N·m         Ambient conditions       0.8 0.9 N·m         Ambient conditions       -25 +70 °C         • during operation       -25 +70 °C         • during storage       -40 +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)         nstallation/ mounting/ dimensions       front plate mounting         fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         moun	type of connectable conductor cross-sections	
• finely stranded with core end processing2x (0.5 1.5 mm²)• finely stranded without core end processing2x (1.0 1,5 mm²)• at AVG cables2x (18 14)tightening torque of the screws in the bracket1 1.2 N·mtightening torque with screw-type terminals0.9 N·mAmbient conditions-25 +70 °C• during operation-25 +70 °C• during storage-40 +80 °Cenvironmental category during operation according to IEC 607213M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)nstallation/ mounting/ dimensionsFront plate mountingfastening method widthfront plate mounting• of modules and accessoriesFront plate mountingheight40 mmwidth30 mmshape of the installation opening 	<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
• finely stranded without core end processing • at AWG cables2x (1,0 1,5 mm³) 2x (18 14)tightening torque of the screws in the bracket tightening torque with screw-type terminals0.8 0.9 N·mAmbient conditions	<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
• at AWG cables       2x (18 14)         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque with screw-type terminals       0.8 0.9 N·m         Ambient conditions       -80 ··· 0°C         ambient temperature       -40 +80 °C         • during operation 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)         nstallation/ mounting/ dimensions       fornt plate mounting         f of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         installation width       29.5 mm         installation width       29.5 mm         cortificates/ approvals	<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque with screw-type terminals       0.8 0.9 N·m         Ambient conditions       -25 +70 °C         ambient temperature       -40 +80 °C         environmental category during operation according to IEC       3M6, 3S2, 3S2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         nstallation/ mounting/ dimensions       for the plate mounting         fastening method       for to plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       0.4 mm         mounting height       11 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       Further information	<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)
Initial conditions       0.8 0.9 N·m         Ambient conditions	<ul> <li>at AWG cables</li> </ul>	2x (18 14)
Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC         60721         anstallation/ mounting/ dimensions         fastening method         • of modules and accessories         Front plate mounting         height         width         shape of the installation opening         mounting height         nostiluation width         installation width         29.5 mm         installation depth         71.7 mm         Certificates/ approvals	tightening torque of the screws in the bracket	1 1.2 N·m
amblent temperature       -25 +70 °C         • during storage       -40 +80 °C         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)         nstallation/ mounting/ dimensions       front plate mounting         fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       further information	tightening torque with screw-type terminals	0.8 0.9 N·m
• during operation       -25 +70 °C         • during storage       -40 +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)         nstallation/ mounting/ dimensions       front plate mounting         fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       Turne	Ambient conditions	
• during operation       -25 +70 °C         • during storage       -40 +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)         nstallation/ mounting/ dimensions       front plate mounting         fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       Turne		
• during storage       -40 +80 °C         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)         nstallation/mounting/dimensions       font plate mounting         fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       Turther information	•	-25 +70 °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)         nstallation/ mounting/ dimensions       fastening method         fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       Further information         Information- and Downloadcenter (Catalogs, Brochures,)       Further information		
60721       condensation in operation permitted for all devices behind front panel)         nstallation/mounting/dimensions       front plate mounting         fastening method <ul> <li>of modules and accessories</li> <li>Front plate mounting</li> <li>d0 mm</li> <li>d0 mm</li> <li>shape of the installation opening</li> <li>round</li> <li>mounting diameter</li> <li>22.3 mm</li> <li>positive tolerance of installation diameter</li> <li>0.4 mm</li> <li>mounting height</li> <li>11 mm</li> <li>installation depth</li> <li>71.7 mm</li> </ul> <li>Certificates/ approvals</li>		
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fastening method       front plate mounting         • of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         mounting height       11 mm         installation width       29.5 mm         installation depth       71.7 mm         Certificates/ approvals       Further information         Information- and Downloadcenter (Catalogs, Brochures,)       Further information		
• of modules and accessories       Front plate mounting         height       40 mm         width       30 mm         shape of the installation opening       round         mounting diameter       22.3 mm         positive tolerance of installation diameter       0.4 mm         mounting height       11 mm         installation width       29.5 mm         installation depth       71.7 mm	-	front plate mounting
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