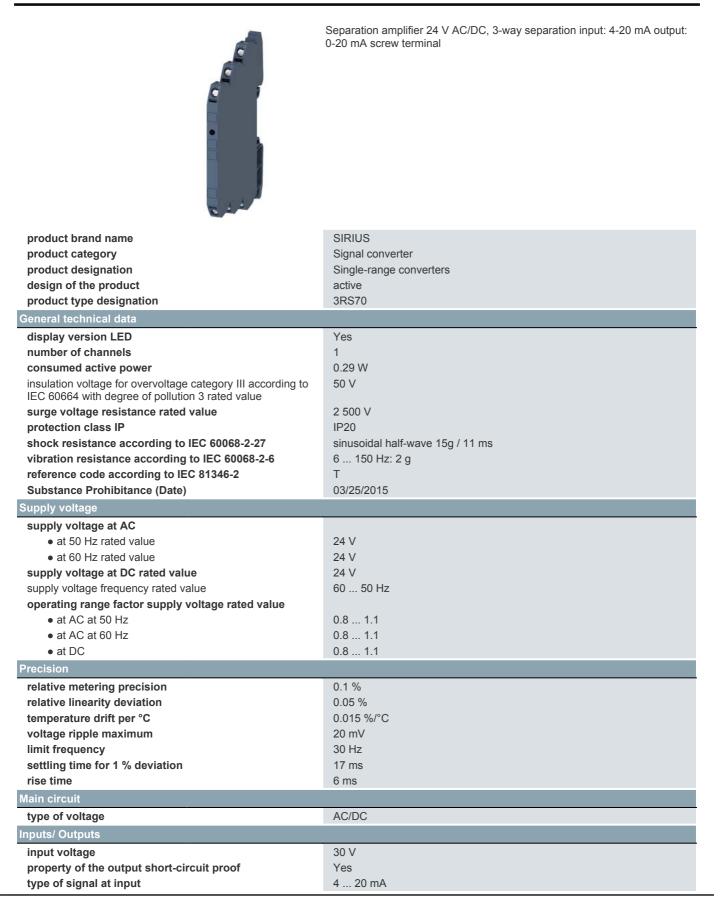
## SIEMENS

## Data sheet

## 3RS7003-1CE00



bype or signal is to upper         u // MA           input impediance of current input maximum         100.0           e the current output maximum         500.0           Electromagnetic compatibility         Environment B           EMC entited interferences according to IEC 60947-1         corresponds to degree of severity 3           conducted inferferences         interferences           • due to burst according to IEC 61000-4-4         1kV 5150 ms           • due to conductor onductors urge according to IEC 61000-4-2         1kV contact discharge / 8 kV air discharge           Galvanic i odiculor onductors urge according to IEC 61000-4-2         1kV contact discharge / 8 kV air discharge           Galvanic i odiculor onductor conductor is to IEC 61000-4-2         1kV contact discharge / 8 kV air discharge           Galvanic i odiculor onductor conductor is to IEC 61000-4-2         1kV contact discharge / 8 kV air discharge           Galvanic i odiculor on the lectrical is loation         galaris           elstores in holp tand douput         Yes           • between input and output         Yes           • between input and output         Yes           • between input and output         Yes           • cond         1k (02 2s 15 mm²           • indit discharge according to IEC 61000-4         02 5 08 m           • indit discharge according to IEC 61000-4 </th <th>tune of signal at output</th> <th>0 20 mA</th>	tune of signal at output	0 20 mA		
original • afthe current output maximum50.0Electromagnetic compatibilityENC emitted interference according to EC 6004-1 • and to brait according to EC 6004-4 • and to brait according to EC 6100-4.4 • and to brait according to EC 6100-4.2 • EV contact discharge / 8 kV air dischargeCalvanic isolation gelegin of the electrical isolation gelegin of the electrical isolation • Evelence in logidal setween the outputs • Evelence in logidal setween the outputs • Evelence in logidal velence in	type of signal at output	0 20 mA		
• at the current output maximum         50 Ω           ExtCompanyInternation         ExtCompanyInternation           EMC emilted interference according to IEC 60047-1         Environment B           Contracted interference         corresponds to degree of severity 3           Contracted interference         accord to contracted interference           • due to burst according to IEC 6100-4.3         18V 5/50 ns           • due to contracted interference according to IEC 61000-4.3         10 V/m           deterseate discharge according to IEC 61000-4.3         10 V/m           deterseate discharge according to IEC 61000-4.3         10 V/m           abave in burst according to IEC 61000-4.3         10 V/m           deterseate discharge according to IEC 61000-4.3         10 V/m           abave in hup tan output         Yes           • between input and output         Yes           • between input and output         Yes           • between input and output         Yes           • advise conductor cross-sections         * (0 25 2 S mm <sup>2</sup> )           • advise conductor cross-sections         * (0 25 1 S mm <sup>2</sup> )           • advise conductor cross-sections         * (0 25 1 S mm <sup>2</sup> )           • advise conductor cross-sections         * (0 25 1 S mm <sup>2</sup> )           • advis frainded with core end processing         * (0 25 .		100.77		
Electomagnetic compatibility         Environment B           EMC immunity according to EC 60947-1         Environment B           Contructed interference         If V 560 ns           • due to conductor-conductor surge according to EC 61000-4.3         1 kV 560 ns           • due to conductor-conductor surge according to EC 61000-4.3         1 kV 560 ns           • due to conductor-conductor surge according to EC 61000-4.3         1 kV 560 ns           • due to conductor-conductor surge according to EC 61000-4.3         8 kV contact discharge (- 8 kV air discharge (		500 Ω		
EMC emitted interference according to EC 60947-1         Environment B           EMC immunity according to EC 60947-1         Consequents to degree of severity 3           event to board according to EC 6100-4-4         14V 560 ns           event to board according to EC 6100-4-3         14V 560 ns           event to board according to EC 6100-4-3         14V           electrostate discharge according to EC 6100-4-3         14V           electrostate discharge according to EC 6100-4-3         14V 560 ns           electrostate discharge according to EC 6100-4-3         14V           electrostate discharge according to EC 6100-4-3         14V 560 ns           electrostate discharge according to EC 6100-4-3         14V           electrostate discharge according to EC 6100-4         14V				
EMC immunity according to IEC 6004-1         corresponds to degree of severity 3           • due to burst according to IEC 61000-4.4         1 kV 560 ns           • due to conductor interference         1 kV 560 ns           • due to conductor interference         1 kV 560 ns           • due to conductor interference according to IEC 61000-4.2         6 kV contact discharge / 8 kV air discharge           • detection is conductor interference according to IEC 61000-4.2         6 kV contact discharge / 8 kV air discharge           • detection is conductor interference according to IEC 61000 + 2         8 kV contact discharge / 8 kV air discharge           • detection is conductor interference         7 kS           • between the outputs         No           • between the outputs         No           • between the outputs         No           • conductor interference         7 kS           • conductor interference         8 conductor interference           • conductor interference         8 conductor interference           • cold         1 k (0.25 25 mm <sup>2</sup> ) <t< td=""><td></td><td>Environment B</td></t<>		Environment B		
<ul> <li>due to burst according to IEC 61000-4.4</li> <li>due to conductor-conductor surge according to IEC 61000-4.3</li> <li>field-based Interference according to IEC 61000-4.3</li> <li>folk of the electrical isolation</li> <li>galvanic isolation</li> <li>obtives the outputs</li> <li>between the outputs</li> <li>advot cables sould</li> <li>1x (0.25 15 mm<sup>2</sup>)</li> <li>0.25 15 mm<sup>2</sup></li> <li>0.25 0.6 km</li> <li>traditation/ mounting/ dimensions</li> <li>advot cables sould</li> <li>advot conductor cross-section</li> <li>advot cables sould</li> <li>advot cables sould</li> <li>advot cables sould</li> <li>advot conductor cross-section</li> <li>advot cables sould</li> <li>a</li></ul>	•	corresponds to degree of severity 3		
• due to conductor-conductor surge according to IEC         1 kV           feld-based inservences according to IEC 61000-4-3         8 V contact discharge / 8 KV air discharge           Calvanic Isolation         3 paths           galvanic isolation         3 paths           • between input and output         Yes           • between the outputs         No           • between the outputs         No           • between the outputs         No           • between the voltage supply and other circuits         Yes           Connectable conductor cross-sections         5 core-type terminals           • sold         1 k(25 15 mm²)           • finely stranded with core end processing         0 25 25 mm²)           • finely stranded with core end processing         0 25 25 mm²           • sold         0 25 25 mm²           • finely stranded with core end processing         0 25 25 mm²           • sold         0 25 25 mm²           • finely stranded with core end processing         0 25 25 mm²           • finely stranded with core end processing         0 25 25 mm²           • finely stranded with core end processing         0 25 25 mm²           • finely stranded with core end processing         0 mm²           • finely stranded with core end processing         0 mm²<	conducted interference			
6100-4-5     IO V/m       electrostatic discharge according to IEC 61000-4-2     6 KV contact discharge / 8 KV air discharge       Calvanic isolation     3 paths       galvanic isolation     3 paths       able the olectrical isolation     3 paths       obtime input and output     Yes       • between the outputs     No       • between the voltage supply and other circuits     Yes       • Connections/Terminals     Yes       • failed with core end processing     1x (0.25 1.5 mm <sup>2</sup> )       • failed with core end processing     1x (0.25 1.5 mm <sup>2</sup> )       • failed cables solid     1x (0.25 1.5 mm <sup>2</sup> )       • failed value consectable conductor cross-section     0.25 2.5 mm <sup>2</sup> • solid     0.25 2.5 mm <sup>2</sup> • failed value consectable conductor cross-section     0.25 2.5 mm <sup>2</sup> • solid     0.5 0.6 N m       Installation mounting problem     93 mm       • failed value with screew-type terminals     0.5 0.6 N m       Installation mounting     1 mm <sup>2</sup> • failed value with screew-type terminals     0.5 0.6 N m       Installation mounting     0 mm       • failed value with screew-type terminals     0.5 0.6 N m </td <td><ul> <li>due to burst according to IEC 61000-4-4</li> </ul></td> <td>1 kV 5/50 ns</td>	<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	1 kV 5/50 ns		
field-based interference according to IEC 61000-4-2         0 V/m           delectoratic discharge according to IEC 61000-4-2         6 kV and i discharge / 8 kV air discharge           delag of the electrical isolation galvanic isolation         3 paths           galvanic isolation         3 paths           galvanic isolation         5 paths           patvanic isolation         Ves           • between the outputs         No           • between the outputs         No           • between the voltage supply and other circuits         Yes           Connections?         Screw-type terminals           type of objectrical connection         screw-type terminals           yes of olectrical connection cross-section         1x (2014 nm?)           • finely stranded with core end processing         0.505 N m           • solid         any         screw-type terminals           • solid         0.505 N m           • solid         screw-type terminals         troes           • solid         any         screw-type terminals           • solid         0.505 N m		1 kV		
electrostatic discharge according to IEC 61000-4-2 6 KV contact discharge / 8 KV air discharge  Calvanic isolation galvanic isolation galvanic isolation solution between the ologits between the input and output bype of connectable conductor cross-section finely stranded with core end processing solid finely stranded with core end processing between the solution between as code connectable conductor cross-section between the solution between th		40.7%		
Galvanic isolation       3 paths         design of the electrical isolation       3 paths         elsween input and output       Yes         > between the outputs       No         > between the workings supply and other circuits       Yes         Connections/Terminals       Yes         Solid       1x (02.515 mm <sup>2</sup> )         • and AWG cables solid       20 14         connectable conductor cross-section       0.50.6 N·m         • solid       20 14         tightening torque with screw-type terminals       0.50.6 N·m         Testalator/mounting/dimensions       any         munting position       any         fastening method       82.0 mm         width dep-by-side mounting       omm         - backwards       0 mm         - upwards       0 mm         - upwards       0 mm	-			
design of the electrical isolation     3 paths       galvanic isolation     9       ebetween input and output     Yes       • between the inputs     No       • between the inputs     No       • between the inputs     Yes       Connections/Terminals     Yes       type of electrical connection     screw-byte terminals       type of electrical connection     screw-byte terminals       • solid     1x (0.25 2.5 mm <sup>2</sup> )       • add Cables solid     1x (0.25 1.5 mm <sup>2</sup> )       • solid     0.25 1.5 mm <sup>2</sup> • solid     20 14       • solid     20 14       tightening torque with screw-type terminals     0.25 0.6 N m       Instalation/ mounting/ dimensions     any       mounting position     any       fastening method     sap-on mounting       height     93 mm       width depth     72.5 mm       required spacing     0 mm       • width discle-y-side mounting     0 mm       - doxwards     0 mm		o kv contact discharge / o kv all discharge		
gat-nic isolation         Yes           • between the outputs         No           • between the wordpace supply and other circuits         No           • between the wordpace supply and other circuits         Yes           Connections/Terminals         Yes           Connections/Terminals         Screw-type terminals           type of connectible conductor cross-sections         sorew-type terminals           • solid         1x (20.212.5 mm²)           • finely standed with core end processing         1x (2014)           connectable conductor cross-section         0.25 2.5 mm²           • solid         0.25 1.5 mm²           • solid         0.25 0.6 N·m           Institution for unutring/ dimensions         0.25 0.6 N·m           mounting position         any           • solid         0.2 14           tightening terque with screw-type terminals         0.5 0.6 N·m           Instaliator/ mounting/ dimensions         any           mounting position         any           required spacing         vith side-by-side mounting           • hinght         7.2.5 mn           required spacing         0 mm           • backwards         0 mm           • packwards         0 mm		3 naths		
• between input and output         Yas           • between the outputs         No           • between the inputs         No           • between the voltage supply and other circuits         Yes           Connections         Yes           type of electrical connection         screw-type terminals           • solid         1x (0.25 2.5 mm²)           • finely standed with core end processing         1x (0.25 2.5 mm²)           • at AVG cables solid         0.25 2.6 mm²           • solid         0.25 2.6 mm²           • solid         0.25 2.6 mm²           • solid         0.25 0.6 N-m           • solid         0.25 0.6 N-m           • solid         0.5 0.6 N-m		o pano		
• between the outputs         No           • between the voltage supply and other circuits         Yes           Connectable supply and other circuits         Yes           Connectable conductor cross-sections         screw-type terminals           • solid         1x (0.25 2.5 mm <sup>2</sup> )           • finely stranded with core end processing         1x (0.25 2.5 mm <sup>2</sup> )           • at AVO cables solid         0.25 2.5 mm <sup>2</sup> • solid         0.25 0.6 N·m           • solid         0.25 0.6 N·m           Installation/mounting/ dimensions         mounting position           • solid         song on mounting           • betwents         0.5 mon mounting           • with side-by-side mounting         6.2 mm           • with side-by-side mounting         0 mm           • backwards         0 mm           • backwar	0	Yes		
• between the voltage supply and other circuits         Yes           Connectations/ Terminals         screw-type terminals           type of electrical connectable conductor cross-sections         screw-type terminals           • solid         1x (0.25 2.5 mm²)           • at AVK cables solid         0.25 2.5 mm²)           • solid         0.25 2.5 mm²)           • solid         0.25 2.5 mm²)           • forley stranded with core end processing         0.25 2.5 mm²           • solid         0.25 0.6 Nm           • solid         20 14           tightening torque with screw-type terminals         0.5 0.6 Nm           • solid         30 mm           • solid         5.2 mm           • solid         6.2 mm           • solid         5.2 mm           • solid         5.2 mm           • solid         6.2 mm           • solid         6.2 mm           fastening method         6.2 mm           height         9.2 mm           with side-by-side mounting         -           • backwards         0 mm           • abckwards         0 mm           • abckwards         0 mm           • for grounded parts         -		No		
Connections/ Terminals           type of electrical connection connection solution connectable conductor cross-sections         sorew-type terminals           • finely stranded with core end processing         1x (0.25 2.5 mm²)           • at AVW cables solid         1 x (20 14)           connectable conductor cross-section         • solid           • solid         0.25 2.5 mm²           • finely stranded with core end processing         0.25 2.5 mm²           AWG number as coded connectable conductor cross         20 14           section         • solid         0.25 2.5 mm²           • finely stranded with core end processing         0.25 0.6 Nm <b>AWG number as coded connectable conductor cross</b> section           • solid         20 14           tightening torque with screw-type terminals         0.5 0.6 Nm           Installation/ mounting/ dimensions         any           mounting position         any           fastening method         snap-on mounting           height         93 mm           • of provards         0 mm           - downwards         0 mm           - upwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards		No		
type of electrical connection         screw-type terminals           type of connectable conductor cross-sections         is (0.25 2.5 mm²)           • solid         1x (0.25 1.5 mm²)           • at AWG cables solid         0.25 2.5 mm²)           • solid         0.25 2.5 mm²           • solid         0.25 1.5 mm²)           • solid         0.25 1.5 mm²           • solid         0.25 0.6 N·m           Installation/ mounting voltion         any           fastening method         snap-on mounting           height         93 mm           width         6.2 mm           required spacing         omm           • with side-by-side mounting         omm           - backwards         0 mm           - upwards         0 mm           - upwards         0 mm           - upwards         0 mm           - downwards         0 mm           - for laye as         0 mm           - upwards         0 mm           - upwards         0 mm	<ul> <li>between the voltage supply and other circuits</li> </ul>	Yes		
Type of connectable conductor cross-sections         Ix (0.25 15 mm <sup>2</sup> )           • solid         1x (0.25 15 mm <sup>2</sup> )           • at AWG cables solid         1x (0.2 14)           connectable conductor cross-section         0.25 2.5 mm <sup>2</sup> • solid         0.25 2.5 mm <sup>2</sup> • solid         0.25 0.6 N m <sup>2</sup> • solid         0.25 0.6 N m           Installatori mounting position         any           fastening method         snap-on mounting           height         93 mm           width         6.2 mm           depth         72.5 mm           required spacing         0 mm           • uth side-by-side mounting         0 mm           - forwards         0 mm           - upwards         0 mm           - at the side         0 mm           - upwards         0 mm           - downwards         0 mm           - downwards         0 mm           - upwards         0 mm           - backwards         0 mm           - upwards         0 mm           - upwards         0 mm           - backwards         0 mm           - backwards         0 mm           - backwards <td>Connections/ Terminals</td> <td></td>	Connections/ Terminals			
• solid       1x (0.25 2.5 mm²)         • inley stranded with core end processing       1x (0.25 1.5 mm²)         • solid       0.25 2.5 mm²         • solid       0.25 2.5 mm²         • solid       0.25 2.5 mm²         • solid       0.25 1.5 mm²         • solid       0.25 1.5 mm²         • solid       0.25 0.6 N·m         • solid       20 14         tightening torque with screev-type terminals       0.5 0.6 N·m         Installation/mounting/dimensions       any         mounting position       any         fastening method       snap-on mounting         height       93 mm         with did=-by-side mounting       93 mm         • with side-by-side mounting       -         • with side-by-side mounting       0 mm         - bookwards       0 mm         - upwards       0 mm         - dornwards       0 mm         - dornwards       0 mm         - at the side       0 mm         - downwards       0 mm         - downwards       0 mm         - downwards       0 mm         - at the side       0 mm         - downwards       0 mm	type of electrical connection	screw-type terminals		
• finely stranded with core end processing       1x (02.51.5 mm²)         • at XWG cables solid       1x (2014)         • solid       0.252.5 mm²         • finely stranded with core end processing       0.251.5 mm²         AVG outber as coded connectable conductor cross section       0.251.5 mm²         • solid       0.250.6 N-m         • solid       0.50.6 N-m         Testanting method       snap-on mounting         height       93 mm         width       6.2 mm         depth       72.5 mm         required spacing       0 mm         - forwards       0 mm         - downwards       0 mm         - downwards       0 mm         - at the side       0 mm         - backwards       0 mm         - downwards       0 mm         - backwards       0 mm         - at the side       0 mm         - backwards       0 mm         - backwards       0 mm         - at the side       0 mm         - backwards       0 mm				
• at AWG cables solid       1 x (20 14)         connectable conductor cross-section       0.25 2.5 mm²         • solid       0.25 2.5 mm²         AWG number as coded connectable conductor cross section       0.25 1.5 mm²         • solid       20 14         tightening torque with screw-type terminals       0.5 0.6 N·m         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       snap-on mounting         height       93 mm         with hide-by-side mounting       -         • with side-by-side mounting       -         • with side-by-side mounting       -         • method       0 mm         - backwards       0 mm         - downwards       0 mm         - downwards       0 mm         - forwards       0 mm         - at the side       0 mm         - at the side       0 mm         - backwards       0 mm         - at the side       0 mm         - downwards       0 mm <td></td> <td></td>				
connectable conductor cross-section       2.5 mm <sup>2</sup> • solid       0.25 2.5 mm <sup>2</sup> AWC number as coded connectable conductor cross section       14         • solid       20 14         tightening torque with screw-type terminals       0.5 0.6 Nm         Installation/mounting/dimensions       any         fastening method       snap-on mounting         height       93 mm         with side-by-side mounting       -         e with side-by-side mounting       -         • solid       0 mm         - backwards       0 mm         - downwards       0 mm         - downwards       0 mm         - forwards       0 mm         - downwards       0 mm         - backwards       0 mm         - downwards       0 mm         - backwards       0 mm         - backwards       0 mm         - at the side       0 mm         - backwards       0 mm         - backwards       0 mm         - at the side       0 mm         - backwards       0 mm         - backwards       0 mm         - downwards       0 mm         - backwards       0 mm </td <td></td> <td></td>				
• solid     0.25 2.5 mm²       • finely stranded with core end processing     0.25 1.5 mm²       AWG number as coded connectable conductor cross section     0.25 1.5 mm²       • solid     20 14       tightening torque with screw-type terminals     0.5 0.6 N m       Installation/ mounting/ dimensions     any       mounting position     any       fastening method     snap-on mounting       height     93 mm       width     6.2 mm       depth     72.5 mm       required spacing     •       • with side-by-side mounting     omm       - forwards     0 mm       - backwards     0 mm       - upwards     0 mm       - downwards     0 mm       - downwards     0 mm       - at the side     0 mm       - backwards     0 mm       - downwards     0 mm       - at the side     0 mm       - backwards     0 mm       - backwards     0 mm       - at the side     0 mm       - backwards     0 mm       - upwards     0 mm       - downwards     0 m		1 x (20 14)		
• finely stranded with core end processing       0.25 1.5 mm²         AWG number as coded connectable conductor cross section       20 14         • solid       20 14         tightening torque with screw-type terminals       0.5 0.6 N m         Installation/mounting/ dimensions       any         fastening method       snap-on mounting         height       93 mm         width       6.2 mm         depth       72.5 mm         required spacing       -         • with side-by-side mounting       -         - forwards       0 mm         - backwards       0 mm         - outwards       0 mm         - at the side       0 mm         - backwards       0 mm <tr< td=""><td></td><td>0.05 0.5 mm²</td></tr<>		0.05 0.5 mm²		
AWG number as coded connectable conductor cross section       • sold       20 14         tightening torque with screw-type terminals       0.5 0.6 N·m         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       snap-on mounting         height       93 mm         width       6.2 mm         depth       72.5 mm         required spacing       •         • with side-by-side mounting       •         - backwards       0 mm         - backwards       0 mm         - downwards       0 mm         - at the side       0 mm         - forwards       0 mm         - backwards       0 mm         - downwards       0 mm         - downwards       0 mm         - backwards       0 mm         - downwards       0 mm         - the side       0 mm         - downwards       0 mm         - downwards       0 mm         - downwards       0 mm         - ba				
section     20 14       • solid     0.5 0.6 N m       Installation/ mounting/ dimensions     any       fastening method     snap-on mounting       height     93 mm       width     6.2 mm       depth     72.5 mm       required spacing     •       • with side-by-side mounting     0 mm       - forwards     0 mm       - backwards     0 mm       - downwards     0 mm       - downwards     0 mm       - forwards     0 mm       - at the side     0 mm       - upwards     0 mm       - forwards     0 mm       - forwards     0 mm       - forwards     0 mm       - forwards     0 mm       - backwards     0 mm       - backwards     0 mm       - forwards     0 mm       - forwards     0 mm       - backwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - forwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - forwards     0 mm       - forwards </td <td></td> <td>0.25 1.5 mm</td>		0.25 1.5 mm		
tightening torque with screw-type terminals         0.5 0.6 N m           Installation/ mounting/ dimensions         any           mounting position         any           fastening method         snap-on mounting           height         93 mm           width         6.2 mm           depth         72.5 mm           required spacing         -           • with side-by-side mounting         -           - forwards         0 mm           - backwards         0 mm           - backwards         0 mm           - upwards         0 mm           - downwards         0 mm           - downwards         0 mm           - forwards         0 mm           - backwards         0 mm           - backwards         0 mm           - backwards         0 mm           - backwards         0 mm           - downwards         0 mm           - at the side         0 mm           - forwards         0 mm           - backwards         0 mm     <				
Installation/ mounting/ dimensions           mounting position         any           fastening method         snap-on mounting           height         93 mm           width         6.2 mm           depth         72.5 mm           required spacing         -           • with side-by-side mounting         -           - forwards         0 mm           - backwards         0 mm           - upwards         0 mm           - at the side         0 mm           - at the side         0 mm           - forwards         0 mm           - at the side         0 mm           - forwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards         0 mm           - at the side         0 mm           - at the side <td>• solid</td> <td>20 14</td>	• solid	20 14		
mounting position         any snap-on mounting           height         93 mm           width         6.2 mm           depth         72.5 mm           required spacing         -           • with side-by-side mounting         -           - forwards         0 mm           - backwards         0 mm           - upwards         0 mm           - at the side         0 mm           - at the side         0 mm           - forwards         0 mm           - at the side         0 mm           - at the side         0 mm           - backwards         0 mm           - at the side         0 mm           - at the side         0 mm           - at the side         0 mm           - forwards         0 mm           - downwards         0 mm           - at the side         0 mm           - forwards         0 mm           - forwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards         0 mm           - backwards         0 mm           - at the side         0 mm           - at the side	tightening torque with screw-type terminals	0.5 0.6 N·m		
fastening methodsnap-on mountingheight93 mmwidth6.2 mmdepth72.5 mmrequired spacing-• with side-by-side mounting forwards0 mm- backwards0 mm- backwards0 mm- downwards0 mm- downwards0 mm- forwards0 mm- at the side0 mm- forwards0 mm- forwards0 mm- at the side0 mm- backwards0 mm- forwards0 mm- forwards0 mm- forwards0 mm- forwards0 mm- forwards0 mm- forwards0 mm- backwards0 mm- muthe side0 mm- downwards0 mm- downwards0 mm- downwards0 mm- downwards0 mm- forwards0 mm- forwards0 mm- forwards0 mm- backwards0 mm- backwards0 mm- downwards0 mm- downwards0 mm- at the side0 mm- at the side0 mm- at the side0 mm- downwards0 mm- downwards0 mm- during operation2 000 m	Installation/ mounting/ dimensions			
height       93 mm         width       6.2 mm         depth       72.5 mm         required spacing       -         • with side-by-side mounting       -         - forwards       0 mm         - backwards       0 mm         - backwards       0 mm         - downwards       0 mm         - downwards       0 mm         - at the side       0 mm         - for grounded parts       -         - forwards       0 mm         - backwards       0 mm         - at the side       0 mm         - at the side       0 mm         - forwards       0 mm         - upwards       0 mm         - at the side       0 mm         - at the side       0 mm         - downwards       0 mm         - downwards       0 mm         - backwards       0 mm         - backwards       0 mm         - backwards       0 mm         - downwards	mounting position	any		
width6.2 mmdepth72.5 mmrequired spacing72.5 mmrequired spacing72.5 mmmith side-by-side mounting70.0 mm- forwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- downwards0 mm- at the side0 mm- forwards0 mm- forwards0 mm- forwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- at the side0 mm- downwards0 mm- downwards0 mm- downwards0 mm- backwards0 mm- backwards0 mm- downwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- backwards0 mm- at the side0 mm<	fastening method	snap-on mounting		
depth         72.5 mm           required spacing         -           • with side-by-side mounting         -           - forwards         0 mm           - backwards         0 mm           - upwards         0 mm           - downwards         0 mm           - for grounded parts         -           - forwards         0 mm           - backwards         0 mm           - backwards         0 mm           - upwards         0 mm           - backwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards         0 mm           - backwards         0 mm           - backwards         0 mm           - upwards         0 mm           - downwards         0 mm				
required spacing       uith side-by-side mounting         - forwards       0 mm         - backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - at the side       0 mm         - at the side       0 mm         - forwards       0 mm         - at the side       0 mm         - forwards       0 mm         - backwards       0 mm         - backwards       0 mm         - upwards       0 mm         - backwards       0 mm         - backwards       0 mm         - backwards       0 mm         - at the side       0 mm         - downwards       0 mm         - downwards       0 mm         - backwards       0 mm         - backwards       0 mm         - backwards       0 mm         - backwards       0 mm         - upwards       0 mm         - backwards       0 mm         - backwards       0 mm         - backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - downwards       0 mm         - at the si				
• with side-by-side mounting       0 mm         - forwards       0 mm         - backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - at the side       0 mm         - at the side       0 mm         - for grounded parts       0 mm         - forwards       0 mm         - backwards       0 mm         - at the side       0 mm         - forwards       0 mm         - backwards       0 mm         - downwa	-	/2.5 mm		
forwards0 mm backwards0 mm upwards0 mm downwards0 mm downwards0 mm at the side0 mm• for grounded parts forwards0 mm backwards0 mm backwards0 mm upwards0 mm at the side0 mm at the side0 mm downwards0 mm downwards0 mm backwards0 mm at the side0 mm				
backwards     0 mm       upwards     0 mm       downwards     0 mm       at the side     0 mm       at the side     0 mm       forwards     0 mm       forwards     0 mm       backwards     0 mm       backwards     0 mm       upwards     0 mm       upwards     0 mm       at the side     0 mm       downwards     0 mm       downwards     0 mm       forwards     0 mm       backwards     0 mm       backwards     0 mm       downwards     0 mm       downwards     0 mm       backwards     0 mm       backwards     0 mm       backwards     0 mm       backwards     0 mm       at the side     0 mm       at the side     0 mm       at the side     0 mm       backwards     0 mm       at the side     0 mm       backwards     0 mm       at the side     0 mm       at the side     0 mm       backwards     0 mm       backwards     0 mm       backwards     0 mm		0 mm		
- upwards       0 mm         - downwards       0 mm         - at the side       0 mm         - at the side       0 mm         • for grounded parts       0 mm         - forwards       0 mm         - backwards       0 mm         - upwards       0 mm         - upwards       0 mm         - at the side       0 mm         - at the side       0 mm         - downwards       0 mm         - forwards       0 mm         - downwards       0 mm         - forwards       0 mm         - downwards       0 mm         - backwards       0 mm         - backwards       0 mm         - downwards       0 mm         - at the side       0 mm         - downwards       0 mm         - at the side       0 mm         - at the side       0 mm         - during operation       -25 +60 °C				
- downwards     0 mm       - at the side     0 mm       • for grounded parts     0 mm       - forwards     0 mm       - backwards     0 mm       - upwards     0 mm       - at the side     0 mm       - at the side     0 mm       - downwards     0 mm       - for live parts     0 mm       - forwards     0 mm       - forwards     0 mm       - forwards     0 mm       - backwards     0 mm       - downwards     0 mm       - downwards     0 mm       - backwards     0 mm       - backwards     0 mm       - backwards     0 mm       - downwards     0 mm       - at the side     0 mm       - at the side above sea level maximum     2 000 m				
at the side0 mm• for grounded parts0 mm forwards0 mm backwards0 mm upwards0 mm at the side0 mm downwards0 mm downwards0 mm for live parts0 mm forwards0 mm backwards0 mm forwards0 mm backwards0 mm backwards0 mm backwards0 mm backwards0 mm at the side0 mm	•			
backwards0 mm upwards0 mm at the side0 mm downwards0 mm for live parts0 mm forwards0 mm backwards0 mm backwards0 mm upwards0 mm upwards0 mm downwards0 mm at the side0 mm at the side above sea level maximum2 000 m	<ul> <li>for grounded parts</li> </ul>			
upwards0 mm at the side0 mm downwards0 mm downwards0 mm forwards0 mm backwards0 mm backwards0 mm upwards0 mm downwards0 mm at the side0 mm		0 mm		
- at the side       0 mm         - downwards       0 mm         • for live parts       0 mm         - forwards       0 mm         - backwards       0 mm         - backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - at the side       0 mm         - during operation       2 000 m		0 mm		
downwards0 mm• for live parts0 mm forwards0 mm backwards0 mm upwards0 mm downwards0 mm at the side0 mm at the side0 mm <b>Ambient conditions</b> 2 000 m <b>ambient temperature</b> • during operation-25 +60 °C	•			
• for live parts0 mm- forwards0 mm- backwards0 mm- upwards0 mm- downwards0 mm- at the side0 mm- at the side0 mm <b>Ambient conditions</b> 2 000 mambient temperature-25 +60 °C				
- forwards       0 mm         - backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - at the side       0 mm         - at the side       0 mm         Mbient conditions       0 mm         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C		U mm		
		0 mm		
upwards       0 mm         downwards       0 mm         at the side       0 mm         Ambient conditions       0 mm         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C				
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at the side     0 mm       Ambient conditions     2 000 m       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -25 +60 °C	•			
Ambient conditions         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C				
installation altitude at height above sea level maximum 2 000 m ambient temperature • during operation -25 +60 °C	Ambient conditions			
ambient temperature     -25 +60 °C		2 000 m		
• during operation -25 +60 °C	-			
• during storage -40 +80 °C		-25 +60 °C		
	during storage	-40 +80 °C		

during transpor relative humidity durin Certificates/ approva	ng operation Is		. +80 °C 95 %	Declaration of Cont	formation
General Product A	pproval	(UL)	EAC	Declaration of Cont CE EG-Konf.	UK CA
Test Certificates	Marine / Shipping	other			
<u>Type Test Certific-</u> ates/Test Report	DNV-GL	<u>Confirmation</u>			

## Further information

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=3RS7003-1CE00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS7003-1CE00

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

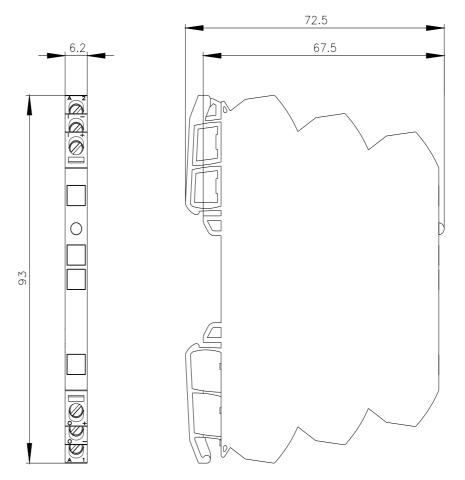
https://support.industry.siemens.com/cs/ww/en/ps/3RS7003-1CE00

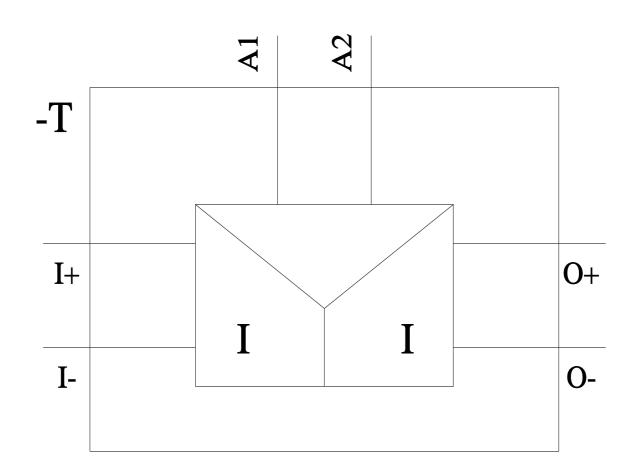
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RS7003-1CE00&lang=en

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/3RS7003-1CE00/manual





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