## **SIEMENS**

Data sheet 3RS7025-1FW00



Signal converter with Manual-Auto switch 24-240 V AC/DC, 3-way separation input: 0-10 V, 0/4-20 mA output: 0-10 V, 0/4-20 mA screw terminal

product brand name	SIRIUS
product category	Signal converter
product designation	multi-range converters
design of the product	active, switchable, with manual/automatic switching and setting potentiometer
product type designation	3RS70
General technical data	
display version LED	Yes
number of channels	1
consumed active power	0.5 W
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
surge voltage resistance rated value	4 000 V
protection class IP	IP20
shock resistance according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
reference code according to IEC 81346-2	Т
Substance Prohibitance (Date)	03/25/2015
Supply voltage	
supply voltage at AC	
at 50 Hz rated value	24 240 V
at 60 Hz rated value	24 240 V
supply voltage at DC rated value	24 240 V
supply voltage frequency rated value	60 50 Hz
operating range factor supply voltage rated value	
• at AC at 50 Hz	0.8 1.1
• at AC at 60 Hz	0.8 1.1
• at DC	0.8 1.1
Precision	
relative metering precision	0.1 %
relative linearity deviation	0.05 %
temperature drift per °C	0.015 %/°C
voltage ripple maximum	20 mV
limit frequency	30 Hz
settling time for 1 % deviation	17 ms
rise time	6 ms
Main circuit	
type of voltage	AC/DC
Inputs/ Outputs	
input voltage	30 V
property of the output short-circuit proof	Yes
type of signal at input	0 10 V, 0 20 mA, 4 20 mA

Input impedance of current input maximum         100 Ω           input impedance of voltage input minimum         330 kΩ           output load         **           • at voltage output minimum         2 kΩ           • at voltage output minimum         500 Ω           Electromagnetic compatibility         **           EMC emitted interference according to IEC 60947-1         Environment B           • due to burst according to IEC 61000-4-4         1 kV 5/50 ns           • due to conductor-conductor surge according to IEC 61000-4-3         10 V/m           • dele to conductor-conductor surge according to IEC 61000-4-3         10 V/m           • lectrostatic discharge according to IEC 61000-4-2         6 kV contact discharge / 8 kV air discharge           Galvanic Isolation         3 paths           • between input and output         Yes           • between the voltage supply and other circuits         No           • between the voltage supply and other circuits         Yes           Connectable conductor cross-sections         screw-type terminals           type of electrical connection         screw-type terminals           type of connectable conductor cross-sections         screw-type terminals           • for AWG cables solid         1 x (0.25 2.5 mm²)           • finely stranded with core end processing         0.25	tune of signal of sufficie	0 10 1/ 0 20 m/ 4 20 m/
Imput Impedance of voltage Input minimum   330 kΩ   2 kΩ   3 k	type of signal at output	0 10 V, 0 20 mA, 4 20 mA
output load              ■ at voltage output minimum		
* at the current output maximum     * at the current output maximum     * 500 \( \Omega \)  Electromagnistic compatibility  EMC emitted interference according to IEC 60947-1     * conducted interference     * oute to bast according to IEC 61000-4-4     * due to conductor surge according to IEC 61000-4-3     * oute to bast according to IEC 61000-4-3     * oute to conductor surge according to IEC 61000-4-3     * oute to bast according to IEC 61000-4-2     * oute to conductor surge according to IEC 61000-4-3     * output to bast according to IEC 61000-4-2     * output to surge according to IEC 61000-4-3     * output to s		200 1/21
### At the current output meanname  ### EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  ### Auto to burst according to IEC 6100-4.4  ### due to to durst according to IEC 6100-4.4  ### due to to durst according to IEC 6100-4.3  ### due to conducted interference  ### due to conducted interference according to IEC 61000-4.3  ### IMP AUTO-4.5  ### field-based interference according to IEC 61000-4.3  ### Auto-4.5  ### Auto-	•	210
Environment & Environment B	-	
EMC immunity according to IEC 60947-1 EMC immunity according to IEC 60947-1 e due to conducted interference e due to burst according to IEC 61000-4.3 e due to conducted interference according to IEC 61000-4.3 felid-based interference according to IEC 61000-4.3 felid-based interference according to IEC 61000-4.3 delectrostatic discharge according to IEC 61000-4.3 design of the electrical isolation galvanic isolation  ### Author	·	500 12
EMC immunity according to IEC 8047-1         conresponds to degree of severity 3           conducted interference         4 be to bust according to IEC 81000-4-4         1 kV 5150 ns           e due to conductor conductor surge according to IEC 61000-4-3         1 kV contact discharge / 8 kV air discharge           e due to conductor conductor surge according to IEC 61000-4-2         6 kV contact discharge / 8 kV air discharge           Gelvanic Isolation         3 paths           galvanic Isolation         4 between the outputs           be between the outputs         No           be between the outputs         No           be between the requisit         No           be between the voltage supply and other circuits         Yes           Connectable conductor cross-sections           be finely standed with core end processing         1 k (2.2 2.5 mm²)           be finely standed with core end processing         1 k (2.2 1.5 mm²)           be finely standed with core end processing         2.2 1.5 mm²           be solid         0.25 2.5 mm²           condition to serve type terminals         2.2 1.5 mm²           result         2.2 1.5 mm²           a solid         0.25 2.5 mm²           b solid         0.25 0.8 Nm           lighteening brace with screw-type terminals         0.25		Environment D
conducted interference  • due to burst according to IEC 61000.4-4 • due to conductor-conductor surge according to IEC 61000.4-3 • due to conductor-conductor surge according to IEC 61000.4-3 • floto-based interference according to IEC 61000.4-2 • 8 kV contact discharge / 8 kV air discharge  decirostatic discharge according to IEC 61000.4-2 • 8 kV contact discharge / 8 kV air discharge  design of the electrical isolation  design of the electrical isolation  9 alvanic isolation • between the put and output • between the viotage supply and other circuits • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely		
	, , , , , , , , , , , , , , , , , , , ,	corresponds to degree or severity o
• Jule to conductor-conductor surge according to IEC 61000-4-3   10 V/m		1 kV 5/50 ns
Bellow-15	-	
discrissificing   SkY air discharge   SkY ai		1.00
design of the electrical isolation  electrical pout and output  electreen input and output  electreen input and output  electreen input and output  electreen the voltage supply and other circuits  Ves  electreen the voltage supply and other circuits  Ves  between the voltage supply and other circuits  Ves  connections? Terminals  type of electrical connection  ype of connectable conductor cross-sections  electrical connection  finely stranded with core end processing  electreen electrical conductor cross-section  electreen electre	field-based interference according to IEC 61000-4-3	10 V/m
design of the electrical isolation   Salvain isolation   Sealvain isolation isolation   Sealvain isolation isolation isolation   Sealvain isolation isolati	electrostatic discharge according to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge
Selver   Potentian   Potenti	Galvanic isolation	
	design of the electrical isolation	3 paths
between the outputs between the inputs between the voltage supply and other circuits between the voltage supply and other circuits  between the voltage supply and other circuits  yes  connectable conductor cross-sections solid finely stranded with core end processing for AWG cables solid finely stranded with core end processing finely stranded with core end processing solid finely stranded solid finely stranded solid finely stranded solid fine	galvanic isolation	
	<ul> <li>between input and output</li> </ul>	Yes
◆ between the voltage supply and other circuits         Yes           Connectors/ Terminals         Screw-type terminals           type of ocnnectable conductor cross-sections         solid         1x (0.25 2.5 mm²)           • finely stranded with core end processing         1x (20 14)           • solid         0.25 2.5 mm²           • solid         0.25 2.5 mm²           • solid         0.25 2.5 mm²           • finely stranded with core end processing         0.25 2.5 mm²           • Solid         20 14           ightening torque with screw-type terminals         20 14           ightening torque with screw-type terminals         20 14           is solid         20 14           ightening torque with screw-type terminals         3.5 0.6 Nm           Installation/mounting/ dimensions         7           mounting position         any           fastening method         any           height         93 mm           width         17.5 mm           depth         75 mm           required spacing         0 mm           • with side-by-side mounting         0 mm           - backwards         0 mm           - backwards         0 mm           - backwards	<ul> <li>between the outputs</li> </ul>	No
Connections/Terminals         Screw-type terminals           type of electrical connection         screw-type terminals           type of connectable conductor cross-sections         inner systanded with core end processing of 1x (0.25 1.5 mm²)           of or AVIG cables sold         1 x (20 14)           connectable conductor cross-section         3 solid           o solid         0.25 2.5 mm²           4 MG number as coded connectable conductor cross-section         20 14           tightening torque with screw-type terminals         0.5 0.6 N·m           Installation/mounting/ dimensions           mounting position         any           fastening method         snap-on mounting           height         93 mm           width         75 mm           depth         75 mm           depth         0 mm           - backwards         0 mm           - upwards         0 mm           - for grounded parts         0 mm           - for grounded parts         0 mm           - for words         0 mm           - backwards         0 mm           - for live parts         0 mm           - for live parts         0 mm           - for live parts         0 mm	·	No
type of electrical connectable         screw-type terminals           type of connectable conductor cross-sections         (x (0.25 2.5 mm²)           solid         1x (0.25 1.5 mm²)           of ro AWG cables solid         1 x (20 14)           connectable conductor cross-section         0.25 2.5 mm²           o solid         0.25 2.5 mm²           d finely stranded with core end processing         0.25 2.5 mm²           o solid solid         20 14           tips tranded with core end processing         0.25 2.6 N·m²           AWG number as coded connectable conductor cross section         20 14           solid solid to repeat the conductor cross section         20 14           tips tranded with core end processing         0.5 0.6 N·m           Instancian for group with screw-type terminals         0.5 0.6 N·m           Instancian for group with screw-type terminals         3.5 0.6 N·m           Instancian for group with screw-type terminals         9.5 mm           e with side-ty-side mounting         9.5 mm           e vith side-ty-side		Yes
Solid   1x (0.25 2.5 mm²)		
		screw-type terminals
● finely stranded with core end processing         1x (0.25 1.5 mm²)           ● for AWG cables solid         1 x (20 14)           Connectable conductor cross-section         0.25 2.5 mm²           ● finely stranded with core end processing         0.25 1.5 mm²           AWG number as coded connectable conductor cross section         20 14           ● solid         20 14           Uightening torque with screw-type terminals         0.5 0.6 Nm           Installation/mounting/dimensions         any           mounting position         any           fastening method         snap-on mounting           height         39 mm           width         17.5 mm           depth         75 mm           required spacing         • with side-by-side mounting           — forwards         0 mm           — backwards         0 mm           — downwards         0 mm           — downwards         0 mm           — for grounded parts         0 mm           — at the side         0 mm           — backwards         0 mm           — at the side         0 mm           — downwards         0 mm           — for live parts         0 mm           — for live parts		
● for AWG cables solid         1 x (20 14)           connectable conductor cross-section         0.25 2.5 mm²           ● finely stranded with core end processing         0.25 1.5 mm²           AWG number as coded connectable conductor cross section         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         17.5 mm           depth         75 mm           required spacing         **           • with side-by-side mounting         **           - forwards         0 mm           - upwards         0 mm           - upwards         0 mm           - downwards         0 mm           • for grounded parts         **           - forwards         0 mm           - upwards         0 mm           - at the side         0 mm           - upwards         0 mm           - for live parts         6 or live parts           - forwards         0 mm           - backwards         0 mm           - backwards         0 mm           <		
connectable conductor cross-section         0.25 2.5 mm²           e finely stranded with core end processing         0.25 1.5 mm²           AWG number as coded connectable conductor cross section         20 14           tightening torque with screw-type terminals         0.5 0.6 N·m           Installation/ mounting/ dimensions           mounting position         any           fastening method         8nap-on mounting           height         93 mm           width         17.5 mm           depth         75 mm           required spacing         **           • with side-by-side mounting         **           — forwards         0 mm           — backwards         0 mm           — upwards         0 mm           — at the side         0 mm           • for grounded parts         **           — forwards         0 mm           — backwards         0 mm           — upwards         0 mm           — for live parts         **           — for wards         0 mm           — to riverage         0 mm           • for live parts         **           — forwards         0 mm           — to riverage         0 mm	<ul> <li>finely stranded with core end processing</li> </ul>	
• solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid 20 14 tightening torque with screw-type terminals  mounting position fastening method height width 17.5 mm  depth 75 mm  required spacing — forowards — upwards — at the side — downwards — upwards — at the side — downwards — at the side — for live parts — forowards — for live parts — forowards — at the side — downwards — backwards — at the side — downwards — at the side — downwards — for live parts — for live parts — forowards — backwards — upwards — at the side — downwards — onm — at the side — downwards — onm —		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           tightening torque with screw-type terminals         0.5 0.6 N·m           Installation mounting dimensions           mounting position         any           fastening method         snap-on mounting           height         93 mm           width         17.5 mm           depth         75 mm           required spacing         • with side-by-side mounting           - forwards         0 mm           - backwards         0 mm           - backwards         0 mm           - at the side         0 mm           - for grounded parts         0 mm           - for grounded parts         0 mm           - at the side         0 mm           - at the side         0 mm           - downwards         0 mm           - for live parts         0 mm           - forwards         0 mm           - backwards         0 mm           - downwards         0 mm           - forwards         0 mm           - downwards         0 mm           - for live parts         0 mm <tr< td=""><td></td><td></td></tr<>		
AWG number as coded connectable conductor cross section  • solid  tightening torque with screw-type terminals  nounting position fastening method height  say m  width  tightening torque with screw-type terminals  snap-on mounting  snap-on-mounting  snap-on-mounting  snap-on-mounting  snap-on-mountin		
section  • solid 20 14  tightening torque with screw-type terminals 0.5 0.6 N·m  Installation/ mounting/ dimensions  mounting position any fastening method snap-on mounting height 93 mm width 17.5 mm depth 75 mm  required spacing  • with side-by-side mounting  — forwards 0 mm — upwards 0 mm — downwards 0 mm  • for grounded parts  — forwards 0 mm  • backwards 0 mm  • for grounded parts  — forwards 0 mm  • backwards 0 mm  • backwards 0 mm  • pupwards 0 mm  • for grounded parts  — forwards 0 mm  • backwards 0 mm  • for grounded parts  — forwards 0 mm  • backwards 0 mm  • at the side 0 mm  • downwards 0 mm  • at the side 0 mm  • downwards 0 mm  • for live parts  — forwards 0 mm  • for live parts  — forwards 0 mm  • at the side 0 mm  • for pupwards 0 mm  • for live parts  — forwards 0 mm  • downwards 0 mm  — backwards 0 mm  — downwards 0 mm  — downwards 0 mm		0.25 1.5 mm²
◆ solid         20 14           tightening torque with screw-type terminals         0.5 0.6 N·m           Installation/ mounting/ dimensions           mounting position         any           fastening method         snap-on mounting           height         93 mm           width         17.5 mm           depth         75 mm           required spacing         • with side-by-side mounting           — forwards         0 mm           — backwards         0 mm           — backwards         0 mm           — at the side         0 mm           • for grounded parts         • for grounded parts           — forwards         0 mm           — backwards         0 mm           — at the side         0 mm           — downwards         0 mm           • for live parts         • for live parts           — forwards         0 mm           — backwards         0 mm           — backwards         0 mm           — backwards         0 mm           — for live parts         0 mm           — forwards         0 mm           — backwards         0 mm           — backwards         0 mm		
mounting position         any           fastening method         snap-on mounting           height         93 mm           width         17.5 mm           depth         75 mm           required spacing         • with side-by-side mounting           - forwards         0 mm           - backwards         0 mm           - upwards         0 mm           - downwards         0 mm           - at the side         0 mm           • for grounded parts         0 mm           - backwards         0 mm           - backwards         0 mm           - at the side         0 mm           - downwards         0 mm           • for live parts         0 mm           - forwards         0 mm           - backwards         0 mm           - backwards         0 mm           - backwards         0 mm           - forwards         0 mm           - backwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards         0 mm           - downwards         0 mm           - forwards         0 mm           - forwards<	• solid	20 14
mounting position any fastening method snap-on mounting height 93 mm width 17.5 mm depth 75 mm  required spacing	tightening torque with screw-type terminals	0.5 0.6 N·m
fastening method         snap-on mounting           height         93 mm           width         17.5 mm           depth         75 mm           required spacing         ***           • with side-by-side mounting         ***           - forwards         0 mm           - backwards         0 mm           - upwards         0 mm           - downwards         0 mm           - for grounded parts         ***           - for grounded parts         0 mm           - backwards         0 mm           - backwards         0 mm           - at the side         0 mm           - downwards         0 mm           • for live parts         0 mm           - backwards         0 mm           - at the side         0 mm           - forwards	Installation/ mounting/ dimensions	
height         93 mm           width         17.5 mm           depth         75 mm           required spacing         • with side-by-side mounting           ● with side-by-side mounting         0 mm           — forwards         0 mm           — backwards         0 mm           — upwards         0 mm           — at the side         0 mm           ● for grounded parts         0 mm           — backwards         0 mm           — at the side         0 mm           — at the side         0 mm           — downwards         0 mm           ● for live parts         0 mm           — backwards         0 mm           — downwards         0 mm           — at the side         0 mm           — downwards         0 mm           — at the side         0 mm	mounting position	any
width         17.5 mm           depth         75 mm           required spacing         Female           • with side-by-side mounting         0 mm           — forwards         0 mm           — backwards         0 mm           — upwards         0 mm           — at the side         0 mm           • for grounded parts         0 mm           — backwards         0 mm           — upwards         0 mm           — at the side         0 mm           • for live parts         0 mm           — fonwards         0 mm           — backwards         0 mm           — upwards         0 mm           — downwards         0 mm           — at the side         0 mm	fastening method	snap-on mounting
required spacing         Frequired spacing           ● with side-by-side mounting         0 mm           — forwards         0 mm           — backwards         0 mm           — upwards         0 mm           — downwards         0 mm           — at the side         0 mm           ● for grounded parts         0 mm           — backwards         0 mm           — upwards         0 mm           — at the side         0 mm           — downwards         0 mm           ● for live parts         0 mm           — backwards         0 mm           — backwards         0 mm           — upwards         0 mm           — downwards         0 mm           — at the side         0 mm	height	93 mm
required spacing  • with side-by-side mounting  — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — 0 mm  • for grounded parts — forwards — upwards — backwards — 0 mm — upwards — at the side — 0 mm  — at the side — o mm  • for live parts — forwards — backwards — upwards — upwards — at the side — downwards — o mm  • for live parts — forwards — backwards — backwards — o mm — downwards — o mm — downwards — backwards — o mm — upwards — o mm — downwards — o mm — upwards — o mm — upwards — upwards — o mm — upwards — o mm — downwards — o mm — downwards — o mm — o m	width	17.5 mm
<ul> <li>with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> <li>0 mm</li> <li>upwards</li> <li>0 mm</li> <li>downwards</li> <li>0 mm</li> <li>at the side</li> <li>0 mm</li> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>upwards</li> <li>at the side</li> <li>0 mm</li> <li>at the side</li> <li>0 mm</li> <li>for live parts</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>0 mm</li> <li>downwards</li> <li>0 mm</li> <li>downwards</li> <li>0 mm</li> <li>at the side</li> <li>0 mm</li> </ul>	depth	75 mm
— forwards 0 mm  — backwards 0 mm  — upwards 0 mm  — downwards 0 mm  — at the side 0 mm  • for grounded parts  — forwards 0 mm  — backwards 0 mm  — upwards 0 mm  — at the side 0 mm  — of the side 0 mm  — of the side 0 mm  — downwards 0 mm  • for live parts  — forwards 0 mm  — backwards 0 mm  • for live parts  — forwards 0 mm  — backwards 0 mm  — downwards 0 mm  — upwards 0 mm  — downwards 0 mm  — downwards 0 mm  — downwards 0 mm  — downwards 0 mm  — at the side 0 mm	required spacing	
— backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm         — forwards       0 mm         — backwards       0 mm         — upwards       0 mm         — at the side       0 mm         — for live parts       0 mm         — backwards       0 mm         — backwards       0 mm         — downwards       0 mm         — downwards       0 mm         — downwards       0 mm         — at the side       0 mm	<ul><li>with side-by-side mounting</li></ul>	
— upwards       0 mm         — downwards       0 mm         — at the side       0 mm         • for grounded parts       0 mm         — forwards       0 mm         — backwards       0 mm         — at the side       0 mm         — downwards       0 mm         • for live parts       0 mm         — backwards       0 mm         — backwards       0 mm         — downwards       0 mm         — downwards       0 mm         — downwards       0 mm         — at the side       0 mm	— forwards	0 mm
— downwards       0 mm         — at the side       0 mm         • for grounded parts       0 mm         — backwards       0 mm         — upwards       0 mm         — at the side       0 mm         — downwards       0 mm         • for live parts       0 mm         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — downwards       0 mm         — at the side       0 mm	— backwards	0 mm
<ul> <li>— at the side</li> <li>● for grounded parts</li> <li>— forwards</li> <li>— backwards</li> <li>— upwards</li> <li>— at the side</li> <li>— downwards</li> <li>● for live parts</li> <li>— forwards</li> <li>— backwards</li> <li>— backwards</li> <li>— upwards</li> <li>— 0 mm</li> <li>— backwards</li> <li>— upwards</li> <li>— upwards</li> <li>— downwards</li> <li>— upwards</li> <li>— downwards</li> <li>— o mm</li> <li>— downwards</li> <li>— o mm</li> <li>— at the side</li> <li>0 mm</li> </ul>	— upwards	0 mm
<ul> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>0 mm</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>0 mm</li> <li>at the side</li> <li>0 mm</li> <li>mm</li> <li>o mm</li> <li>o mm</li></ul>	— downwards	0 mm
— forwards       0 mm         — backwards       0 mm         — upwards       0 mm         — at the side       0 mm         — downwards       0 mm         • for live parts       0 mm         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm		0 mm
— backwards       0 mm         — upwards       0 mm         — at the side       0 mm         — downwards       0 mm         • for live parts       0 mm         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm	<ul><li>for grounded parts</li></ul>	
— upwards       0 mm         — at the side       0 mm         — downwards       0 mm         • for live parts       0 mm         — forwards       0 mm         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm	— forwards	0 mm
— at the side       0 mm         — downwards       0 mm         ● for live parts       0 mm         — forwards       0 mm         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm	— backwards	0 mm
— downwards       0 mm         ● for live parts       0 mm         — forwards       0 mm         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm	— upwards	0 mm
● for live parts  — 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         — backwards       0 mm         — upwards       0 mm         — downwards       0 mm         — at the side       0 mm	— downwards	0 mm
— backwards         0 mm           — upwards         0 mm           — downwards         0 mm           — at the side         0 mm	for live parts	
<ul> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>0 mm</li> <li>0 mm</li> <li>0 mm</li> </ul>	— forwards	0 mm
— downwards 0 mm — at the side 0 mm	— backwards	0 mm
— at the side 0 mm	— upwards	0 mm
	— downwards	0 mm
Ambient conditions		0 mm
	Ambient conditions	

installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C
during storage	-40 +80 °C
during transport	-40 +80 °C
relative humidity during operation	10 95 %
Approvals Certificates	

Approvals Certificates

**General Product Approval** 

**Declaration of Conformity** 



Confirmation









**Test Certificates** 

Marine / Shipping

other

Type Test Certificates/Test Report



Confirmation

## Further information

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

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=3RS7025-1FW00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS7025-1FW00

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

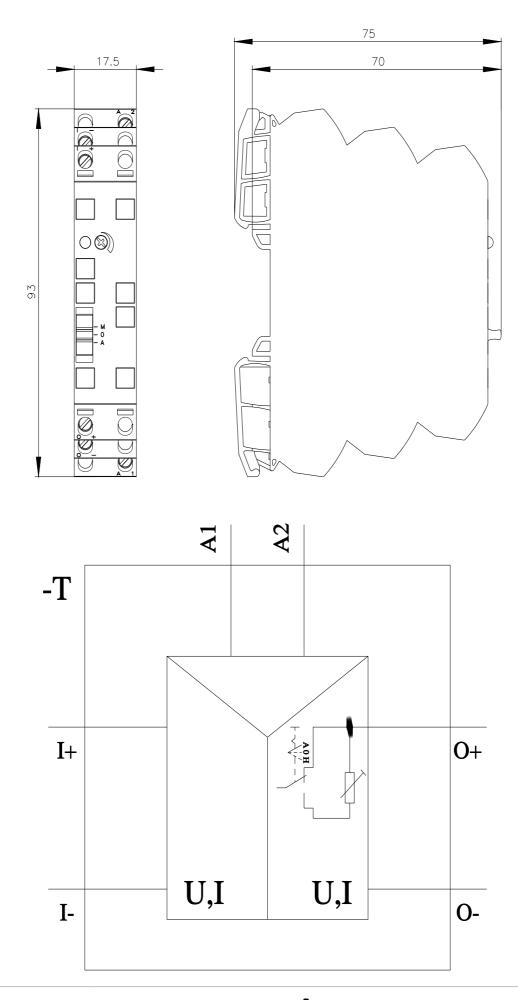
https://support.industry.siemens.com/cs/ww/en/ps/3RS7025-1FW00

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RS7025-1FW00&lang=en

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/3RS7025-1FW00/manual



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