## **SIEMENS**

Data sheet 3RS7005-2KE00



Separation amplifier 24 V AC/DC, 3-way separation input: 0-10 V, 0/4-20 mA; output: 0-50/100 Hz/1/10 kHz; Spring-type terminal (push-in)

product brand name	SIRIUS
product category	Signal converter
product designation	multi-range converters
design of the product	active, switchable
product type designation	3RS70
General technical data	S.I.S.I.G
display version LED	Yes
number of channels	1
consumed active power	0.29 W
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	50 V
surge voltage resistance rated value	2 500 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 V
at 60 Hz rated value	24 V
supply voltage at DC rated value	24 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
limit frequency	30 Hz
settling time for 1 % deviation	17 ms
Main circuit	
type of voltage	AC/DC
Inputs/ Outputs	
input voltage maximum	30 V
property of the output short-circuit proof	Yes
type of signal at input	0 10 V, 0 20 mA, 4 20 mA
type of signal at output	0 50 Hz, 0 100 Hz, 0 1 kHz, 0 10 kHz
input impedance of current input maximum	100 Ω

Excellent protection of work and the control of the	input impedance of voltage input minimum	330 kΩ
EMC emitted interference according to IEC 60947-1 Emitted ment IEC 60947-1 Conducted Interference  • Out to bust according to IEC 60004-4  • Out to bust according to IEC 610004-2  • Out to according to IEC 610004-3  • Out to according to IEC 6100		330 KU
EMC immunity according to IEC 60947-1 conducted interference  • due to burst according to IEC 61000-4-4 • due to scondicted conductors surge according to IEC filled based interference according to IEC 61000-4-3 electrostated discharge according to IEC 61000-4-3 electrostated conductor cross-section electrostate conductor c		Environment B
conducted interference  - due to bust according to IEC 61000-44 - due to conductor-conductor surge according to IEC 61000-43 - filed-based interference according to IEC 61000-43 - filed-based interference according to IEC 61000-43 - delectrostatic discharge according to IEC 61000-4-2    Revision		
due to burst according to IEC 61000-4-4     due to conductor conductor surge according to IEC 1 kV     field-based interference according to IEC 61000-4-3     lefectorated discharge according to IEC 61000-4-2     electrostatic		Corresponds to degree or severity 3
edus to conductor-conductor surge according to IEC   161004-3   10 V/m		1 kV 5/50 ns
Bittlo-4-set interference according to IEC 61000-4-3   BitV contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold contact discharge / BitV air discharge (advance to sold con	-	
electrostalic discharge secording to IEC 6100-4-2  Galtyanic isolation  galvanic isolation  showeven input and output  between the outputs  between the inputs  between the ripuds  between the ripuds  between the voltage supply and other circuits  Connections if reminsis  Sype of electrical connection  spring-floaded terminals  yope of connectable conductor cross-sections  solid  finally stranded with core and processing  for AWG cables solid  for AWG cables solid  for AWG cables solid  finally stranded with core and processing  for AWG cables solid  finally stranded with core and processing  for AWG cables solid  for AWG cables solid  finally stranded with core and processing  for AWG cables solid  for AWG cables solid  for a AWG cables solid  for a AWG cables solid  for a Solid  finally stranded with core and processing  for a Solid  for		I NV
Cabenic isolation   Spatial collation   Spat	field-based interference according to IEC 61000-4-3	10 V/m
design of the electrical isolation galvanic isolation	electrostatic discharge according to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge
galvanic isolation  • between the outputs • between the inputs • between the inputs • between the voltage suply and other circuits • between the voltage suply and other circuits • between the voltage suply and other circuits  * Solid • firely stranded with core and processing • firely stranded with core and processing • firely stranded with core and processing • for AWG cables solid • for AWG cables stranded • for AWG cables solid • firely stranded with core and processing • firely stranded without and processing • firely stranded without processing • firely stranded	Galvanic isolation	
between the cutputs     between the injuts     between the injuts     between the vidual sequely and other circuits     between the vidual sequely and other circuits     between the vidual sequely and other circuits    Ves	design of the electrical isolation	3 paths
between the outputs between the inputs between the inputs between the voltage supply and other circuits  ves  Connections/ Terminals  type of connectable conductor cross-sections  sind finely stranded with core and processing finely stranded without core end processing finely stranded with core end pr	galvanic isolation	
	<ul> <li>between input and output</li> </ul>	Yes
between the voltage supply and other circuits  Connections/ Torminals  type of connectacle conductor cross-sections     solid     inferly stranded with core end processing     inferly stranded without core end processing     inferly stranded with core end processing     inferly	<ul> <li>between the outputs</li> </ul>	No
Connections/Terminals         Spring-loaded terminals           type of obsertication connection         spring-loaded terminals           1 solid         1x (0.25 2.5 mm²)           • finely stranded with core end processing         1x (0.25 1.5 mm²)           • finely stranded with core end processing         1x (0.25 2.5 mm²)           • for AWC cables stranded         1x (20 14)           connectable conductor cross-section         • solid           • solid         0.25 2.5 mm²           • finely stranded without core end processing         0.25 2.5 mm²           • finely stranded without core end processing         0.25 2.5 mm²           • solid         20 14           • stranded connectable conductor cross section         20 14           • solid         20 14           • stranded stranded connectable conductor cross section         20 14           • stranded stranded connectable conductor cross section         30 mm²           • stranded stranded connectable conductor cross section         20 14           • stranded connectable conductor cross section         30 mm²           • stranded connectable conductor cross section         30 mm²           • stranded connectable conductor cross section         30 mm²           • stranded connectable conductor cross section         30	<ul> <li>between the inputs</li> </ul>	No
type of olactrical connection type of connectable conductor cross-sections  solid  finely stranded with core end processing  for AVIC cables solid  for AVIC cables solid  finely stranded with core end processing  for AVIC cables solid  for AVIC cables	between the voltage supply and other circuits	Yes
System of connectable conductor cross-sections solid sinely stranded with core end processing finely stranded without core end processing solid	Connections/ Terminals	
		spring-loaded terminals
• finely stranded with core end processing in fively stranded without core end processing in fively stranded without core end processing in factor (AWG cables solid in 1 x (20 14)  • for AWG cables stranded  x (20 14)  connectable conductor cross-section • solid • finely stranded with core end processing o .25 2.5 mm² • finely stranded without core end processing o .25 1.5 mm² • finely stranded without core end processing o .25 2.5 mm²  AWG number as coded connectable conductor cross section • solid • stranded 20 14  Installation mounting dimensions  mounting position any rastening method snap-on mounting  any required spacing • with side-by-side mounting • with side-by-side mounting — forwards — upwards — downwards — on mm — at the side • for grounded parts — forwards — upwards — on mm — backwards — on mm — backwards — upwards — on mm — at the side • for grounded parts — forwards — upwards — upwards — on mm — backwards — on mm — ot ive parts — forwards — on mm — ot ive parts — forwards — on mm — ot ive parts — forwards — on mm — ot ive parts — forwards — on mm — ot ive parts — forwards — on mm — other to red without core end processing  Installation allitude at height above sea level maximum  and any case and maximum  and continued at height above sea level maximum  and any case and maximum  and continued at height above sea level maximum  and continued and continued at height above sea level maximum  and continued and continued at height above sea level maximum  and continued and continued at height above sea level maximum  and continued and continued at height above sea level maximum  and continued and continued at height above sea level maximum  and continued and continued and continued at height above sea level maximum  and continued and continue		
• finely stranded without core end processing • for AWG cables saide • for AWG cables stranded  • for fawG cables stranded  • solid • for fawG cables stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing  AWG number as coded connectable conductor cross section • solid • stranded • st		
		· · · · · · · · · · · · · · · · · · ·
• for AWG cables stranded         1x (20 14)           connectable conductor cross-section         • solid           • finely stranded with core end processing         0.25 2.5 mm²           • finely stranded without core end processing         0.25 2.5 mm²           AWG number as coded connectable conductor cross section         • solid           • solid         20 14           • stranded         20 14           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           - upwards         0 mm           - downwards         0 mm           • for grounded parts         0 mm           - forwards         0 mm           - at the side         0 mm           - downwards         0 mm           - provards         0 mm           - for live parts         0 mm           - forwards         0 mm           - downward	•	
connectable conductor cross-section         0.25 2.5 mm²           • Solid         0.25 2.5 mm²           • finely stranded with core end processing         0.25 2.5 mm²           AWO number as coded connectable conductor cross section         • solid         20 14           • stranded         20 14         Installation/mounting/dimensions           mounting position         any         Installation/mounting/dimensions           mounting position         any         Installation/mounting/dimensions           width         6.2 mm         Installation all titude st height above sea level maximum         0 mm           depth         72.5 mm         Trequired spacing         • with side-by-side mounting         • mm           - forwards         0 mm         0 mm         0 mm           - backwards         0 mm         0 mm           - downwards         0 mm         0 mm           - backwards         0 mm         0 mm           - at the side         0 mm         0 mm           - at the side         0 mm         0 mm           - at the side         0 mm         0 mm           - downwards         0 mm         0 mm           - backwards         0 mm         0 mm           - forwards		
		1x (20 14)
	connectable conductor cross-section	
finely stranded without core end processing   0.25 2.5 mm²		
AWG number as coded connectable conductor cross section  • solid • stranded 20 14  Installation/ mounting / dimensions  mounting position fastening method height 93 mm width 6.2 mm depth 72.5 mm  required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — o mm — downwards — upwards — o mm — downwards — o mm — downwards — o mm — downwards — o mm — o		
solid 20 14  stranded 20 14  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 — at the side 0 mm — backwards 0 mm  • for grounded parts — forwards 0 mm  • for grounded parts — backwards 0 mm  • for grounded parts — forwards 0 mm  • for grounded parts — backwards 0 mm  • for grounded parts — forwards 0 mm  • for grounded parts — backwards 0 mm  • for grounded parts — forwards 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  • downwards 0 mm  • at the side 0 mm  • at the side 0 mm  • for live parts  — forwards 0 mm  • for live parts  — forwards 0 mm  • backwards 0 mm  • backwards 0 mm  • at the side 0 mm  • for live parts  — forwards 0 mm  • for live parts  — forwards 0 mm  • backwards 0 mm		0.25 2.5 mm²
• solid • stranded • stranded 20 14  Installation/ mounting/ dimensions  mounting position fastening method snap-on mounting height 93 mm  depth 72.5 mm  required spacing  • with side-by- side mounting — forwards — upwards — odornwards — od mm  • of or grounded parts — for grounded parts — lor wards — upwards — upwards — omm  • for grounded parts — forwards — backwards — upwards — omm  • for grounded parts — forwards — upwards — omm  • for grounded parts — forwards — backwards — omm  • at the side — omm  • at the side — omm  • of mm  • at the side — omm  • ownwards — at he side — omm  • ownwards — at he side — omm  • ownwards — omm  • of or live parts — forwards — backwards — omm  • of or live parts — ownwards — omm  • of or live parts — ownwards — omm  • ownwards — omm  • ownwards — omm  • ownwards — omm  • ownwards — omm — ownwards — ownmards — ow		
◆ stranded       20 14         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       0 mm         - forwards       0 mm         - backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - at the side       0 mm         - backwards       0 mm         - upwards       0 mm         - at the side       0 mm         - downwards       0 mm         - for live parts       0 mm         - for powards       0 mm         - upwards       0 mm         - downwards       0 mm         - upwards       0 mm         - downwards       0 mm <tr< td=""><td></td><td>20 14</td></tr<>		20 14
mounting position any fastening method snap-on mounting height 93 mm width 6.2 mm depth 72.5 mm  required spacing		
fastening method height  width 6.2 mm  depth 72.5 mm  required spacing  • with side-by-side mounting — forwards — backwards — upwards — at the side • for grounded parts — forwards — upwards — backwards — o mm — at the side • for grounded parts — forwards — upwards — o mm — backwards — o mm  • for live parts — forwards • for live parts — forwards — upwards — downwards — o mm • for live parts — forwards — downwards — upwards — downwards — o mm • for live parts — fowards — downwards — o mm — at the side — downwards — o mm — at the side — downwards — o mm — at the side — downwards — o mm — at the side — downwards — o mm — at the side — downwards — o mm — at the side — downwards — o mm — at the side — o mm  Ambient conditions installation allitude at height above sea level maximum  2 000 m		
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       - downwards     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       - backwards     0 mm       - backwards     0 mm       - downwards     0 mm       - downwards     0 mm       - at the side     0 mm       Ambient conditions       installation altitude at height above sea level maximum     2 000 m	mounting position	any
width     6.2 mm       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     0 mm       — forwards     0 mm       — backwards     0 mm       — upwards     0 mm       — downwards     0 mm       ● for live parts     0 mm       — forwards     0 mm       — backwards     0 mm       — backwards     0 mm       — downwards     0 mm       — downwards     0 mm       — at the side     0 mm       Amblent conditions     2 000 m	fastening method	enan on mounting
depth       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       — upwards     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       Ambient conditions     1 mm       installation altitude at height above sea level maximum     2 000 m		shap-on mounting
required spacing      with side-by-side mounting     — forwards		
with side-by-side mounting     — forwards	height	93 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 backwards 0 mm upwards 0 mm ut the side 0 mm of the side 0 mm of the side 0 mm at the side 0 mm for live parts forwards 0 mm forwards 0 mm forwards 0 mm forwards 0 mm downwards 0 mm backwards 0 mm backwards 0 mm backwards 0 mm backwards 0 mm upwards 0 mm upwards 0 mm downwards 0 mm at the side 0 mm at the side 0 mm	height width	93 mm 6.2 mm
backwards 0 mm upwards 0 mm downwards 0 mm at the side 0 mm at the side 0 mm for grounded parts 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 forwards 0 mm backwards 0 mm backwards 0 mm ton live parts forwards 0 mm backwards 0 mm backwards 0 mm upwards 0 mm upwards 0 mm upwards 0 mm at the side 0 mm	height width depth	93 mm 6.2 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 - at the side 0 mm - downwards 0 mm - for live parts - forwards 0 mm - backwards 0 mm - at the side 0 mm - at the side 0 mm - downwards 0 mm - at the side 0 mm - downwards 0 mm - downwards 0 mm - at the side 0 mm - at the side 0 mm	height width depth required spacing	93 mm 6.2 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 - at the side 0 mm - downwards 0 mm • for live parts - forwards 0 mm - backwards 0 mm - upwards 0 mm - upwards 0 mm - downwards 0 mm - at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m	height width depth required spacing • with side-by-side mounting	93 mm 6.2 mm 72.5 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>— upwards</li> <li>— o mm</li> <li>— backwards</li> <li>— upwards</li> <li>— upwards</li> <li>— upwards</li> <li>— at the side</li> <li>O mm</li> <li>— at the side</li> <li>O mm</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> </ul>	height width depth required spacing  • with side-by-side mounting — forwards	93 mm 6.2 mm 72.5 mm
for grounded parts         — forwards         — backwards         — upwards         — upwards         — at the side         — downwards         — for live parts         — forwards         — backwards         — upwards         — upwards         — upwards         — upwards         — upwards         — upwards         — downwards         — at the side         — on m  Ambient conditions  installation altitude at height above sea level maximum  2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards	93 mm 6.2 mm 72.5 mm 0 mm 0 mm
— forwards — backwards — upwards — upwards — at the side — downwards — for live parts — forwards — backwards — upwards — upwards — upwards — upwards — upwards — upwards — at the side — at the side  Ambient conditions  installation altitude at height above sea level maximum  2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards	93 mm 6.2 mm 72.5 mm 0 mm 0 mm 0 mm
backwards 0 mm upwards 0 mm at the side 0 mm downwards 0 mm downwards 0 mm  for live parts forwards 0 mm backwards 0 mm upwards 0 mm upwards 0 mm downwards 0 mm at the side 0 mm  at the side 0 mm  at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — downwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm
<ul> <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>— downwards</li> <li>— downwards</li> <li>— at the side</li> <li>O mm</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> </ul>	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm
<ul> <li>— at the side         — downwards         • for live parts         — forwards         — backwards         — upwards         — upwards         — downwards         — at the side         — at the side         — o mm  Ambient conditions  installation altitude at height above sea level maximum         2 000 m  0 mm  2 000 m  2 000 m  0 mm  2 000 m  0 mm  0 mm</li></ul>	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm
<ul> <li>— downwards</li> <li>● for live parts</li> <li>— forwards</li> <li>— backwards</li> <li>— upwards</li> <li>— downwards</li> <li>— downwards</li> <li>— at the side</li> <li>O mm</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> </ul>	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
for live parts         — forwards         — backwards         — upwards         — upwards         — downwards         — at the side  Ambient conditions  installation altitude at height above sea level maximum  2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — backwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
forwards 0 mm backwards 0 mm upwards 0 mm downwards 0 mm at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — upwards — upwards — upwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
- backwards 0 mm - upwards 0 mm - downwards 0 mm - at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — upwards — at the side - for grounded parts — forwards — backwards — backwards — upwards — upwards — at the side	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
<ul> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>0 mm</li> <li>0 mm</li> </ul> Ambient conditions installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — upwards — at the side - downwards — at the side — downwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
— downwards 0 mm — at the side 0 mm  Ambient conditions installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — backwards — backwards — backwards — upwards — at the side — downwards — at the side — for live parts	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
— at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m	height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — backwards  — upwards  — the side  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
Ambient conditions installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — backwards — the side — downwards — at the side — downwards — at the side — downwards • for live parts — forwards — backwards — backwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
installation altitude at height above sea level maximum 2 000 m	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — backwards — upwards — the side — downwards — at the side — downwards — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — upwards — backwards — upwards — at the side — downwards — at the side — downwards  • for live parts — forwards — backwards — upwards — downwards — downwards — hackwards — backwards — backwards — upwards — downwards — downwards — at the side	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
ambient temperature	height width depth required spacing  • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side  • for grounded parts — forwards — backwards — upwards — backwards — upwards — at the side — downwards — at the side — downwards  • for live parts — forwards — backwards — upwards — downwards — downwards — hackwards — backwards — backwards — upwards — downwards — downwards — at the side	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm
	height  width  depth  required spacing  • with side-by-side mounting  — forwards  — backwards  — upwards  — downwards  — at the side  • for grounded parts  — forwards  — backwards  — upwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — backwards  — upwards  — at the side  Ambient conditions  installation altitude at height above sea level maximum	93 mm 6.2 mm 72.5 mm  0 mm 0 mm 0 mm 0 mm 0 mm 0 mm 0 mm

during operation
 during storage
 during transport
 during transport
 melative humidity during operation
 during transport
 melative humidity during operation

**Approvals Certificates** 

## **General Product Approval**







Confirmation





EMV Test Certificates Marine / Shipping other Environment

<u>KC</u>

Type Test Certificates/Test Report



Confirmation

Environmental Confirmations

## 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=3RS7005-2KE00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS7005-2KE00

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

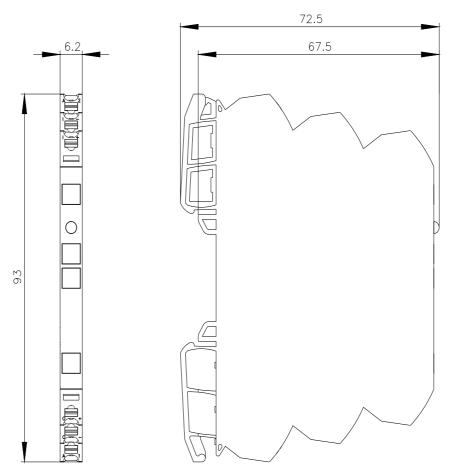
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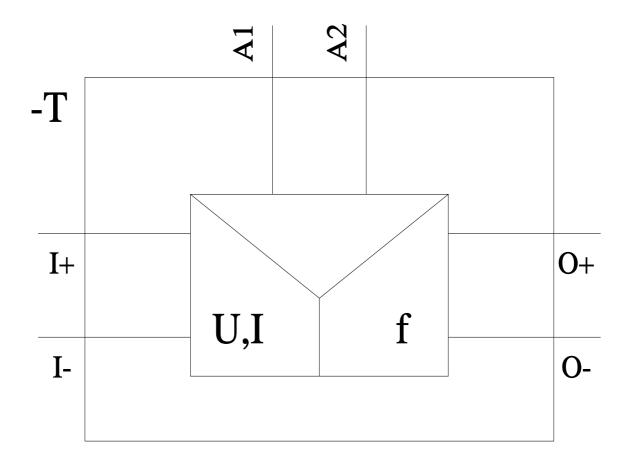
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RS7005-2KE00\&lang=en}$ 

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/3RS7005-2KE00/manual





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