

Schnittstellenwandler

3RS17

Interface converter
 Convertisseur d'interface
 Convertidor de interface
 Convertitore di interfaccia
 Conversor de interfaces



Montageanleitung/Assembly Instructions

Bestell-Nr./Order No.: 3ZX1012-0RS17-0AW1

	⚠️ WARNUNG Gefährliche elektrische Spannung! Kann zu elektrischem Schlag und Verbrennungen führen. Vor Beginn der Arbeiten Anlage und Gerät spannungsfrei schalten.	⚠️ WARNING HAZARDOUS VOLTAGE. Can cause electrical shock and burns. Disconnect power before proceeding with any work on this equipment.	⚠️ ATTENTION Tension dangereuse ! Risque d'électrocution et de brûlure. Isoler cet appareil du réseau avant d'y intervenir pour travaux.
	⚠️ PRECAUCIÓN ¡Tensión peligrosa! Puede causar choque eléctrico y quemaduras. Desconectar la alimentación antes de efectuar trabajo alguno en este equipo.	⚠️ ATTENZIONE Tensione elettrica pericolosa! Rischio di shock elettrico e ustioni. Prima di eseguire qualsiasi tipo di lavoro, assicurarsi che l'apparecchio e l'impianto siano scollegati.	⚠️ AVISO Tensão elétrica perigosa! Pode causar um choque elétrico e queimaduras. Antes de iniciar os trabalhos, desligue a tensão da unidade e do aparelho.

Eine sichere Gerätefunktion ist nur mit zertifizierten Komponenten gewährleistet.
 Reliable functioning of the equipment is only ensured with certified components.
 Le fonctionnement sûr de l'appareil n'est garanti qu'avec des composants certifiés.
 El funcionamiento seguro del aparato sólo está garantizado con componentes certificados.
 Il funzionamento sicuro dell'apparecchiatura viene garantito soltanto con componenti certificati.
 O funcionamento seguro do aparelho apenas pode ser garantido se forem utilizados os componentes certificados.

3RS170.-□AD00/-□CD00/-□DD00

Schnittstellenwandler

Interface converter

Convertisseur d'interface

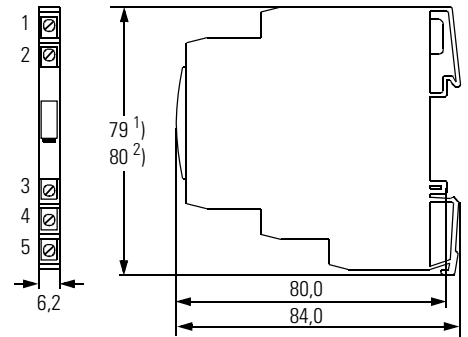
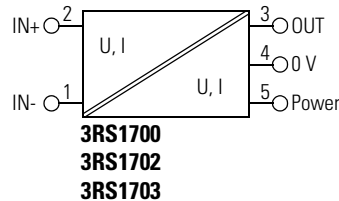
Convertidor de interface

Convertitore di interfaccia

Conversor de interfaces

IN:	0-10 V	0-20 mA	4-20 mA
OUT:	0-10 V	0-20 mA	4-20 mA
Power:	AC/DC 24 V		

1 IN/
1 OUT



3RS17.5-□FD00/-□KD00/-□FW00/-□KW00

Mehrbereichswandler

Multi-range interface converter

Convertisseur d'étendue de mesure

Convertidor de interface multifunción

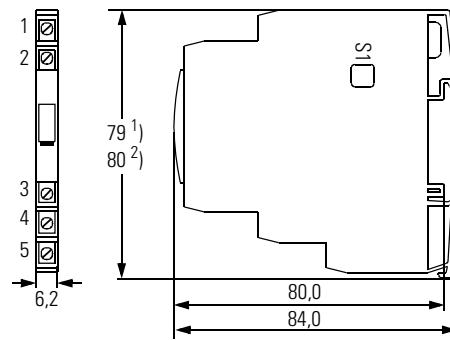
Convertitore a più campi

Conversor multifuncional

3 IN/
3 OUT

3 IN/
4 OUT

IN:	(S1)	0-10 V	0-20 mA	4-20 mA	
OUT:	(S1)	0-10 V	0-20 mA	4-20 mA	
		0-50 Hz	0-100 Hz	0-1 kHz	0-10 kHz
Power:		AC/DC 24 V			
		AC/DC 24-240 V			



3RS1705-□FD00

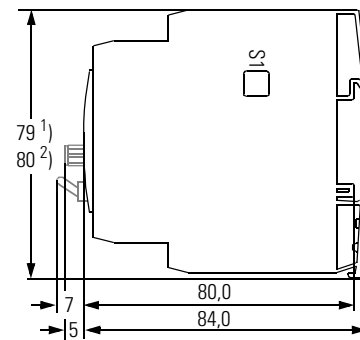
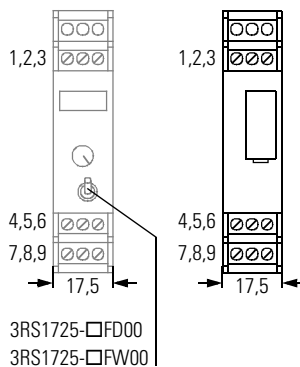
• -> Switch On

Input	Output	S1			
		1	2	3	4
0-20 mA	0-10 V	•			
0-20 mA	0-20 mA	•	•		
0-20 mA	4-20 mA	•		•	
4-20 mA	0-10 V	•			•
4-20 mA	0-20 mA	•	•	•	
4-20 mA	4-20 mA	•	•		
0-10 V	0-10 V		•		•
0-10 V	0-20 mA			•	•
0-10 V	4-20 mA		•	•	•

3RS1705-□FW00

3RS1725-□FD00/□FW00

Input	Output	S1
		Pos.
0-20 mA	0-10 V	0
0-20 mA	0-20 mA	1
0-20 mA	4-20 mA	2
4-20 mA	0-10 V	3
4-20 mA	0-20 mA	4
4-20 mA	4-20 mA	5
0-10 V	0-10 V	6
0-10 V	0-20 mA	7
0-10 V	4-20 mA	8



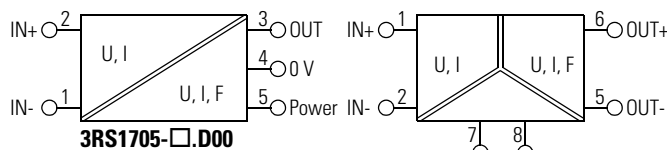
3RS1705-□KD00

• -> Switch On

Input	Output	S1					
		1	2	3	4	5	6
0-20 mA	0-50 Hz	•					
0-20 mA	0-100 Hz	•	•				
0-20 mA	0-1 kHz	•		•			
0-20 mA	0-10 kHz	•	•	•			
4-20 mA	0-50 Hz	•			•		
4-20 mA	0-100 Hz	•	•	•			
4-20 mA	0-1 kHz	•		•	•		
4-20 mA	0-10 kHz	•	•	•	•		
0-10 V	0-50 Hz						•
0-10 V	0-100 Hz		•			•	
0-10 V	0-1 kHz			•		•	
0-10 V	0-10 kHz		•	•	•	•	

3RS1705-□KW00

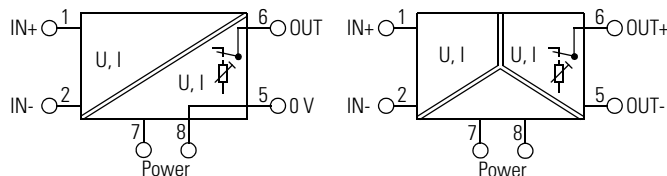
Input	Output	S1
		Pos.
0-20 mA	0-50 Hz	0
0-20 mA	0-100 Hz	1
0-20 mA	0-1 kHz	2
0-20 mA	0-10 kHz	3
4-20 mA	0-50 Hz	4
4-20 mA	0-100 Hz	5
4-20 mA	0-1 kHz	6
4-20 mA	0-10 kHz	7
0-10 V	0-50 Hz	8
0-10 V	0-100 Hz	9
0-10 V	0-1 kHz	A
0-10 V	0-10 kHz	B



3RS1705-□.D00



3RS1705-□.W00



3RS1725-□.FD00



3RS1725-□.FW00

3RS1706-□FD00/-□FE00/-□FW00

Universalwandler

Universal interface converter

Convertisseur universel

Convertidor de interface universal

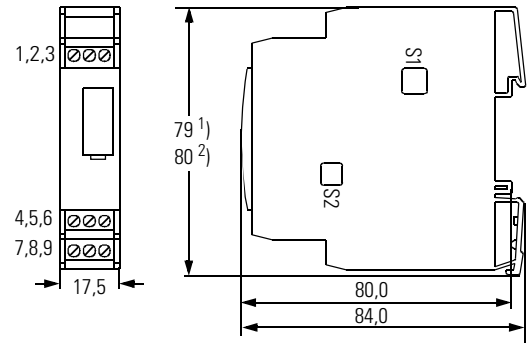
Convertitore universale

Conversor universal

16 IN/

3 OUT

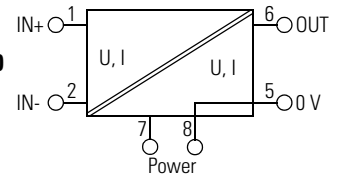
IN:	(S1)	Pos. 0-F		
OUT:	(S2)	0-10 V	0-20 mA	4-20 mA
Power:		AC/DC 24 V AC/DC 24 V-240 V		



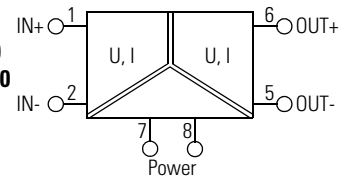
Input	S1 Pos.	Input	S1 Pos.
0-60 mV	0	0-20 V	8
0-100 mV	1	2-10 V	9
0-300 mV	2	0-5 mA	A
0-500 mV	3	0-10 mA	B
0-1 V	4	0-20 mA	C
0-2 V	5	4-20 mA	D
0-5 V	6	±5 mA	E
0-10 V	7	±20 mA	F

Output	S2			
	1	2	3	4
0-10 V	•			
0-20 mA		•		
4-20 mA			•	

3RS1706-□FD00



3RS1706-□FE00
3RS1706-□FW00



3RS172.-□ET00

Passiv-Trenner

Loop powered isolator

Découpleur passif

Aislador pasivo

Sezionatore passivo

Seccionador passivo

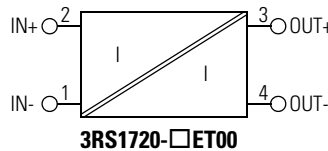
1 IN/

1 OUT

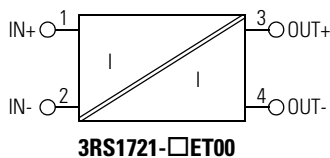
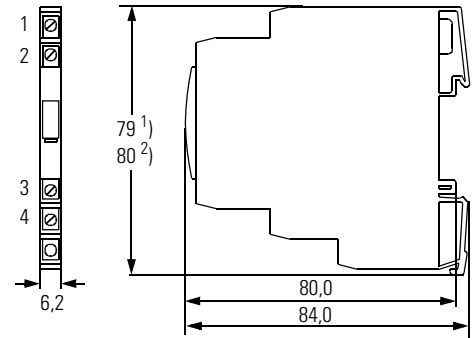
2 x 1 IN/

1 OUT

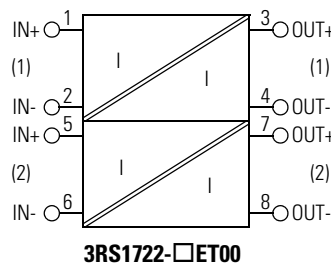
IN:	0-20 mA	4-20 mA
OUT:	0-20 mA	4-20 mA



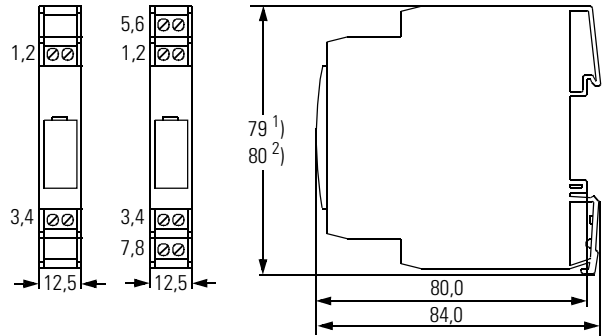
3RS1720-□ET00



3RS1721-□ET00



3RS1722-□ET00



3RS17..-1..00 1)	
3,5 mm	8WA2 804 0,5 ... 0,8 Nm 4.4 to 7 LB.IN
8	1 x 0,25 ... 4 mm ² AWG 24 to 12
8	1 x 0,5 ... 2,5 mm ² AWG 20 to 14

3RS17..-2..00 2)	
3,5 mm	8WA2 803 —
6-7	1 x 0,08 ... 2,5 mm ² AWG 28 to 14
6-7	1 x 0,25 ... 1,5 mm ² AWG 24 to 16

Technical Assistance: Telephone: +49 (0) 9131-7-43833 (8⁰⁰ - 17⁰⁰ CET)
E-mail: technical-assistance@siemens.com
Internet: www.siemens.de/lowvoltage/technical-assistance

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Fax: +49 (0) 9131-7-42899

Technische Änderungen vorbehalten. Zum späteren Gebrauch aufbewahren!
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