

Schnittstellenwandler

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



3RS17

Montageanleitung/Assembly Instructions

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

3RS170.-□AD00/-□CD00/-□DD00

Schnittstellenwandler

Interface converter

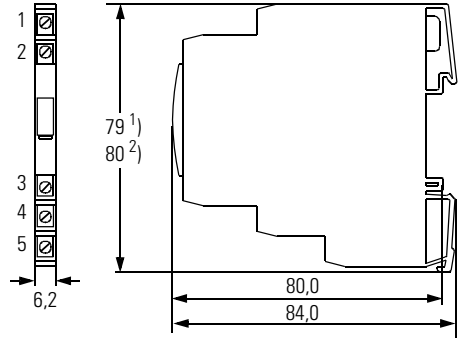
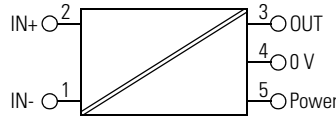
Convertisseur d'interface

Convertidor de interface

Convertitore di interfaccia

1 IN/
1 OUT

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		



3RS17.5-□FD00/-□KD00/-□FW00/-□KW00

Mehrbereichswandler

Multi-range interface converter

Convertisseur d'étendue de mesure

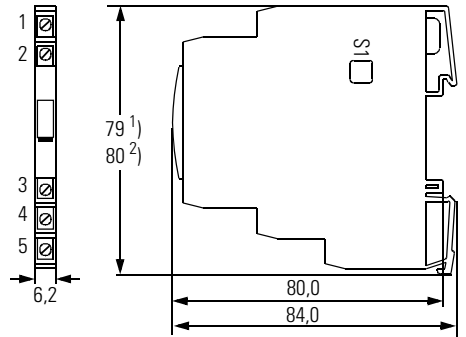
Convertidor de interface multifunción

Convertitore a più campi

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			



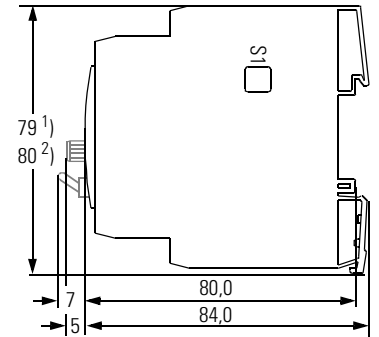
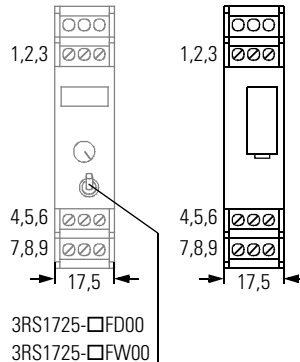
3RS1705-□FD00

• -> Switch On S1

Input	Output	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	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



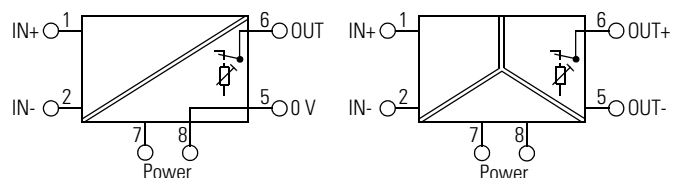
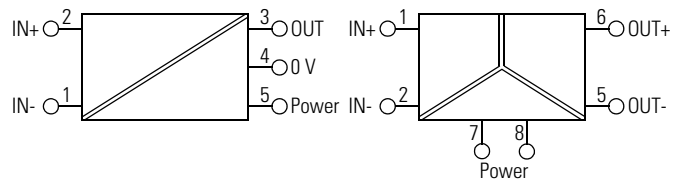
3RS1705-□KD00

• -> Switch On S1

Input	Output	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	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



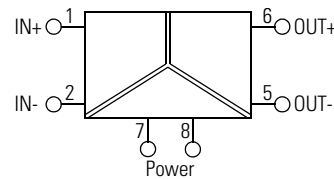
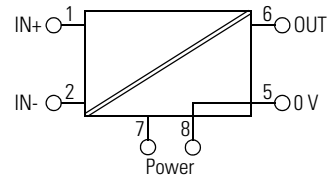
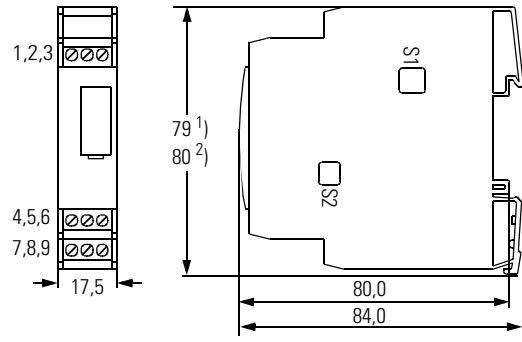
3RS1725-□FD00

3RS1725-□FW00

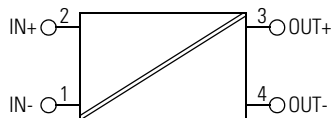
3RS1706-□FD00/-□FE00/-□FW00			
Universalwandler			
Universal interface converter			
Convertisseur universel			
Convertidor de interface universal			
Convertitore universale			
IN:	(S1)	Pos. 0-F	
OUT:	(S2)	0-10 V	0-20 mA 4-20 mA
Power:		AC/DC 24 V AC/DC 24 V-240 V	

Input	S1	Input	S1
	Pos.		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

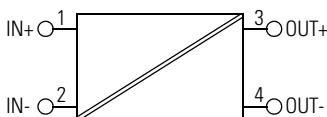
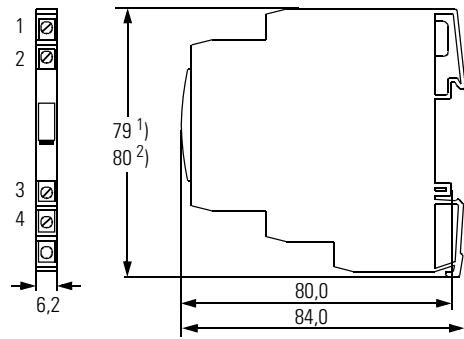
Output	S2			
	1	2	3	4
0-10 V	•			
0-20 mA		•		
4-20 mA			•	



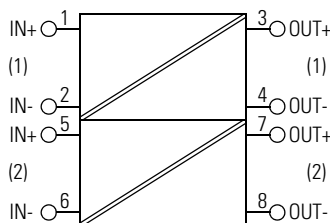
3RS172-□ET00			
Passiv-Trenner			
Loop powered isolator			
Découpleur passif			
Aislador pasivo			
Sezionatore passivo			
IN:	0-20 mA	4-20 mA	
OUT:	0-20 mA	4-20 mA	



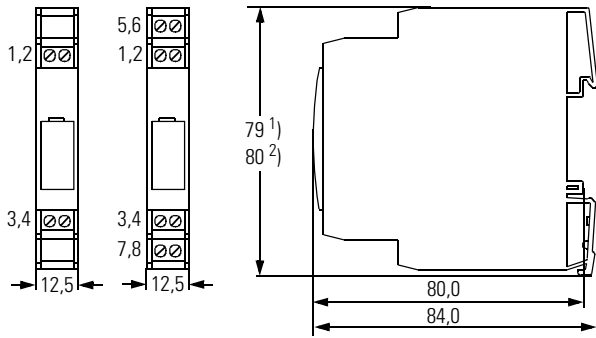
3RS1720-□ET00

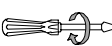




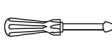


3RS1721-□ET00



3RS1722-□ET00



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

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

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

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

Technical Support: Telephone: +49 (0) 180 50 50 222