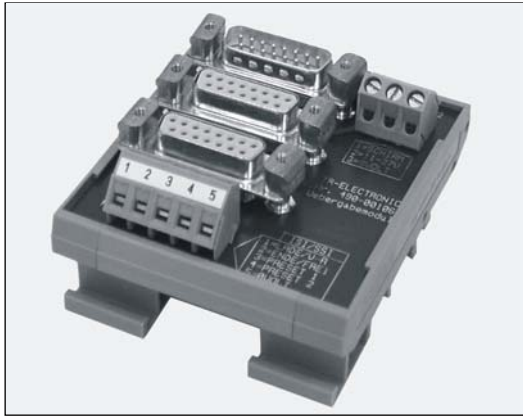
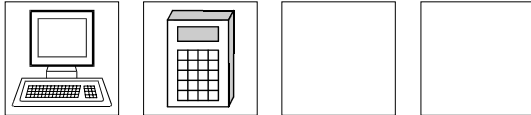


## ISI/SSI Communication module, single

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- **Art.-No.: 490-00106**
- **Connecting link between programmer PT-100-N / PC, encoder and control**
- **For locking in on commercially available EN-mounting rails ( or )**

### Description

A connection of US' (X1 Pin 14) and US (X2, X3, K2) is created by closing dipswitch S1. That's why a supply of the encoder over the connector of the control is possible. At the moment of delivery, the switch is on position "OFF".

**Attention:**

The feed-in may only happen over control (X1) or terminal K2!

**Hint:**

The shield is led via the 2. mass layer on the multi-layer printed-circuit board to all SUB-D cases (15-pole) and K2 Pin 1. The shield connection for the Siemens control and the encoder is realized over metallic connector cases.

### Pin-/terminal configuration for ISI-encoder

X1 Control 15-pole SUB-D connector		X2 PT100 15-pole SUB-D socket		X3 Encoder 15-pole SUB-D socket		K1		K2	
1	K1	1	Ser. -	1	K1	1	Load input	1	shield
2	0 V	2	Ser. +	2	/K1	2	Load output	2	US
3	/K2   BRIDGE	3	N. C.	3	K2	3	Preset 1	3	0 V
4	Ref. _____	4	N. C.	4	/K2	4	Preset 2		
5	+ 5V	5	N. C.	5	Ser. +	5	0 V		
6	N. C.	6	N. C.	6	Ser. -				
7	N. C.	7	N. C.	7	Load input				
8	N. C.   BRIDGE	8	N. C.	8	Load output				
9	/K1	9	N. C.	9	Preset 1				
10	K2	10	N. C.	10	Preset 2				
11	0 V	11	N. C.	11	N. C.				
12	/Ref. _____	12	N. C.	12	N. C.				
13	N. C.	13	N. C.	13	shield				
14	US'	14	US	14	US				
15	N. C.	15	0 V	15	0 V				

### Pin-/terminal configuration for SSI-encoder

X1 Control 15-pole SUB-D connector		X2 PT100 15-pole SUB-D socket		X3 Encoder 15-pole SUB-D socket		K1		K2	
1	Clock -	1	Ser. -	1	Clock -	1	V/R	1	Shield
2	0 V	2	Ser. +	2	Clock +	2	no function	2	US
3	Data -   BRIDGE	3	N. C.	3	Data +	3	Preset 1	3	0 V
4	0 V	4	N. C.	4	Data -	4	Preset 2		
5	no function	5	N. C.	5	Ser. +	5	0 V		
6	N. C.	6	N. C.	6	Ser. -				
7	N. C.	7	N. C.	7	V/R				
8	N. C. BRIDGE	8	N. C.	8	no function				
9	Takt +	9	N. C.	9	Preset 1				
10	Data +	10	N. C.	10	Preset 2				
11	0 V	11	N. C.	11	N. C.				
12	no function	12	N. C.	12	N. C.				
13	N. C.	13	N. C.	13	Shield				
14	US	14	US	14	US				
15	N. C.	15	0 V	15	0 V				

### Dimensional drawing

