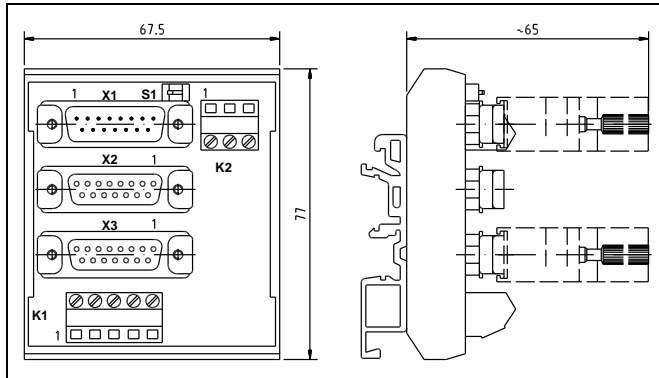


Technical Information

ISI/SSI - Communication module (single) Art.-No. 490-00106



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".

NOTICE

The supply may only be fed via the control unit (X1) or only via terminal K2!

Pin-/terminal assignment for ISI measuring system

X1 Control 15 pin SUB-D connector		X2 PT100 15 pin SUB-D socket		X3 Measuring system 15 pin 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	3	N. C.	3	K2	3	Preset 1	3	0 V
4	Ref.	4	N. C.	4	/K2	4	Preset 2		
5	+ 5 V	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.	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 assignment for SSI measuring system

X1 Control 15 pin SUB-D connector		X2 PT100 15 pin SUB-D socket		X3 Measuring system 15 pin SUB-D socket		K1		K2	
1	SSI Clock -	1	Ser. -	1	SSI Clock -	1	V/R	1	Shield
2	0 V	2	Ser. +	2	SSI Clock +	2	no function	2	US
3	SSI Data -	3	N. C.	3	SSI Data +	3	Preset 1	3	0 V
4	0 V	4	N. C.	4	SSI 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.	8	N. C.	8	no function				
9	SSI Clock +	9	N. C.	9	Preset 1				
10	SSI 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				

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