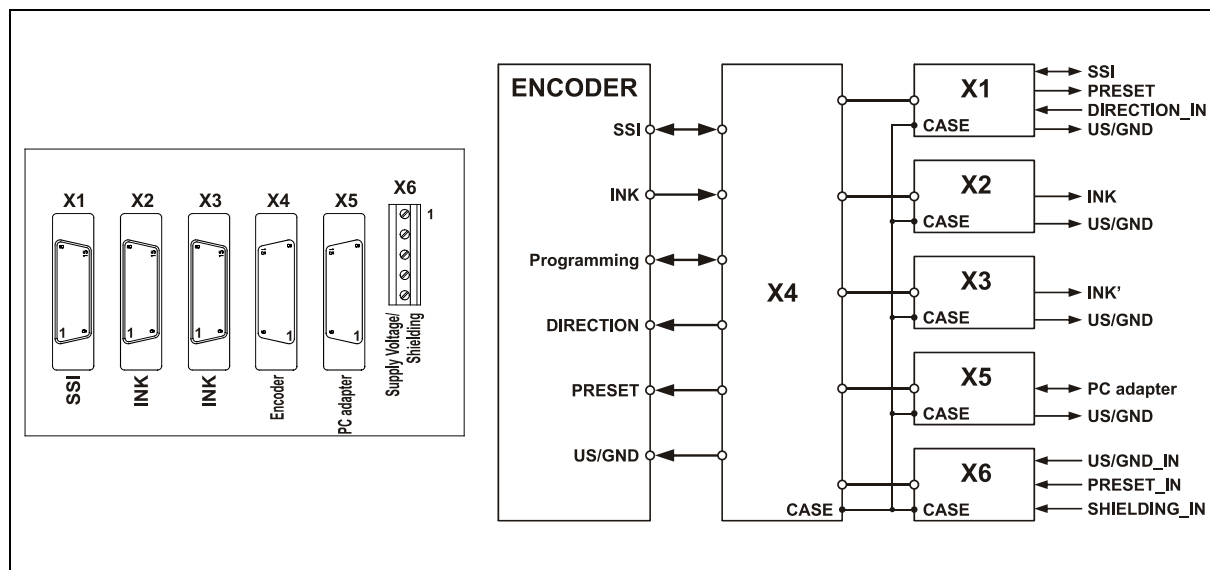


SSI/Incremental – Distribution Module



X1	SSI, 15-pol. SUB-D Male Connector		Level
Pin 1	SSI_CLOCK+_IN	--> Pin 1, X4	RS422
Pin 2	SSI_CLOCK+_IN	--> Pin 2, X4	RS422
Pin 3	SSI_DATA+_OUT	--> Pin 3, X4	RS422
Pin 4	SSI_DATA+_OUT	--> Pin 4, X4	RS422
Pin 5-10	N.C.	–	–
Pin 11	DIRECTION_IN	--> Pin 11, X4; Change counting direction	+US
Pin 12	PRESET1_IN	--> Pin 12, X4 + Pin 4, X6; Set PRESET 1	+US
Pin 13	PRESET2_IN	--> Pin 13, X4 + Pin 5, X6; Set PRESET 2	+US
Pin 14	+US_IN	--> Pin 14, X1-X5+Pin 2, X6; Supply Voltage	+US
Pin 15	GND_IN	--> Pin 15, X1-X5+Pin 3, X6; 0 V, Ground	0 V
CASE	--> CASE X1-X5+Pin 1, X6; Shielding		

X2, X3	INK, 15-pol. SUB-D Male Connector		Level
Pin 1-4	N.C.	–	–
Pin 5	CHANNEL_A+_OUT	--> Pin 5, X4	RS422/+US
Pin 6	CHANNEL_A+_OUT	--> Pin 6, X4	RS422/+US
Pin 7	CHANNEL_B+_OUT	--> Pin 7, X4	RS422/+US
Pin 8	CHANNEL_B+_OUT	--> Pin 8, X4	RS422/+US
Pin 9-13	N.C.	–	–
Pin 14	+US_IN	--> Pin 14, X1-X5+Pin 2, X6; Supply Voltage	+US
Pin 15	GND_IN	--> Pin 15, X1-X5+Pin 3, X6; 0 V, Ground	0 V
CASE	--> CASE, X1-X5+Pin 1, X6; Shielding		

X4	Encoder, 15-pol. SUB-D Female Connector		Level
Pin 1	SSI_CLOCK-_IN	--> Pin 1, X1	RS422
Pin 2	SSI_CLOCK+_IN	--> Pin 2, X1	RS422
Pin 3	SSI_DATA+_OUT	--> Pin 3, X1	RS422
Pin 4	SSI_DATA-_OUT	--> Pin 4, X1	RS422
Pin 5	CHANNEL_A+_OUT	--> Pin 5, X2+X3	RS422/+US
Pin 6	CHANNEL_A-_OUT	--> Pin 6, X2+X3	RS422/+US
Pin 7	CHANNEL_B+_OUT	--> Pin 7, X2+X3	RS422/+US
Pin 8	CHANNEL_B-_OUT	--> Pin 8, X2+X3	RS422/+US
Pin 9	RS485+	--> Pin 2, X5; Progr. interface	RS485
Pin 10	RS485-	--> Pin 1, X5; Progr. interface	RS485
Pin 11	DIRECTION_IN	--> Pin 11, X1; Counting direction	+US
Pin 12	PRESET1_IN	--> Pin 12, X1 + Pin 4, X6; Set PRESET 1	+US
Pin 13	PRESET2_IN	--> Pin 13, X1 + Pin 5, X6; Set PRESET 2	+US
Pin 14	+US_IN	--> Pin 14, X1-X5+Pin 2, X6; Supply Voltage	+US
Pin 15	GND_IN	--> Pin 15, X1-X5+Pin 3, X6; 0 V, Ground	0 V
CASE	--> CASE, X1-X5+Pin 1, X6; Shielding		

X5	PC adapter, 15-pol. SUB-D Female Connector		Level
Pin 1	RS485-	--> Pin 10, X4; Progr. interface	RS485
Pin 2	RS485+	--> Pin 9, X4; Progr. interface	RS485
Pin 3-13	N.C.	–	–
Pin 14	+US_IN	--> Pin 14, X1-X5+Pin 2, X6; Supply Voltage	+US
Pin 15	GND_IN	--> Pin 15, X1-X5+Pin 3, X6; 0 V, Ground	0 V
CASE	--> CASE, X1-X5+Pin 1, X6; Shielding		

X6	Signal Inputs, 5-pol. Schraubklemme / Screw terminal		Level
Pin 1	CASE	--> CASE, X1-X5; Schirmung / Shielding	–
Pin 2	+US_IN	--> Pin 14, X1-X5; Versorgung / Supply Voltage	+US
Pin 3	GND_IN	--> Pin 15, X1-X5; 0 V, Ground	0 V
Pin 4	PRESET1_IN	--> Pin 12, X1+X4; Set PRESET 1	+US
Pin 5	PRESET2_IN	--> Pin 13, X1+X4; Set PRESET 2	+US



Gleiche Signal-Namen sind miteinander verbunden
Die Einspeisung darf nur über X6 erfolgen!

Same signal names are connected with each other
The feeding must be performed about screw terminal X6 only!