

Picture with FTT10A module, not included

FEATURES

These expansion modules do not have any communication module, to allow choosing which one is best fitting plant's needs: FTT10A, 485 galvanic insulated and 485 polarized modules are available.

IN SERVICE

To put the board in service, refer to E-NET2 technical manual.

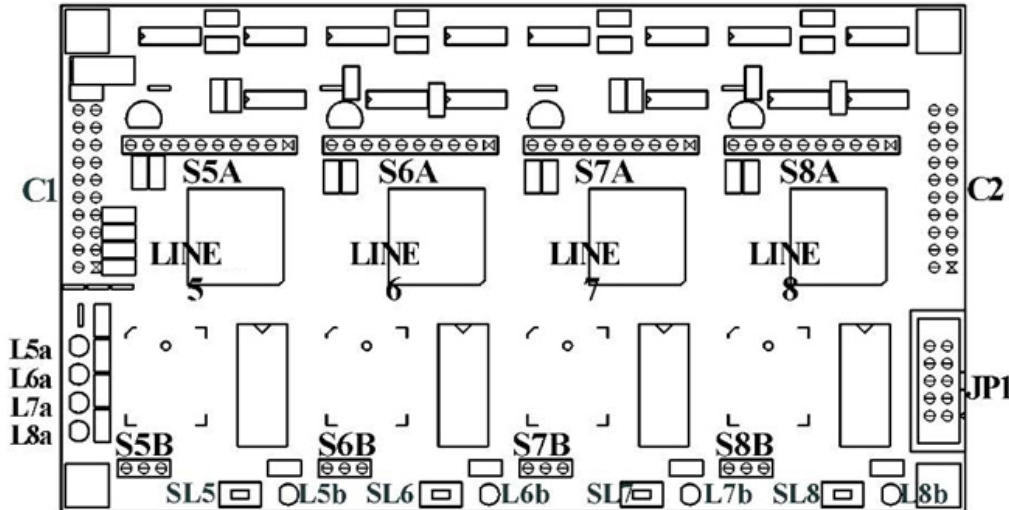
TECHNICAL DATA

Operating voltage	9 ÷ 15	Vdc
Maximum current	160	mA
Operating temperature	-10 ÷ 50	°C
Dimensions	130x73	mm

INSTALLATION

Echelon 4 lines expansion was built to be installed into CPU's C1 and C2 connectors. Fix the board avoiding bending or flexing it: mechanical stresses can damage the board.

During insertion and removal of connectors, block the board in order to avoid bending. After fixing operations check that line module's board and connectors are completely inserted into their housings.



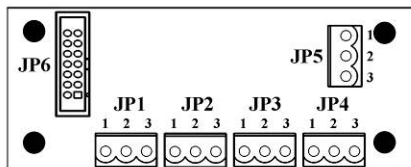
CONNECTIONS

JP1		Terminal board connections
1,2		Line 5
3,4		Line 6
5,6		Line 7
7,8		Line 8
9,10		Ground

C	1,2	Slot for control panel connection
S5A	S5B	Line 5 module slot
S6A	S6B	Line 6 module slot
S6A	S6B	Line 7 module slot
S6A	S6B	Line 8 module slot

SETTINGS

P0		Network termination setting
FTT	NC	No resistance
	1,2	Bus configuration
	2,3	Free configuration
485 485IG	NC	Termination disabled
	1,2	Termination enabled, terminal is at one of 485 bus ends



ALC E

SIGNALLING

L0	Tx Line
	Follows transmission status
L1a	Data line test
	Follows transmission status
Red fixed	Line fault
	Line configured for control panels
Red fast	Control panel without binding
	After binding follows transmission status
L1b	Line 1 service
	Enables when SW1 key is pressed
L2a,L3a,L4a	Like L1a for corresponding lines
L2b,L3b,L4b	Like L1b for corresponding lines

BUTTONS

SL5	Line 1 SERVICE button
SL6	Line 2 SERVICE button
SL7	Line 3 SERVICE button
SL8	Line 4 SERVICE button

ALC-E CONNECTIONS

JP1	1	Lon line 5
	2	Line (Green wire for 485)
	3	Ground
JP2		Lon line 6
		Like line 5
JP3		Lon line 7
		Like line 5
JP4		Lon line 8
		Like line 5
JP5		Not used
JP6		Ele2- Ele4 flat connector
		400 mm maximum length