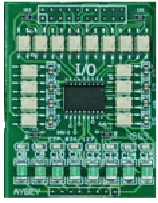


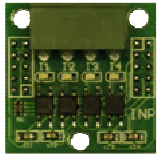
AC SERIES OPTION BOARDS

I/O – INPUT OUTPUT BOARD



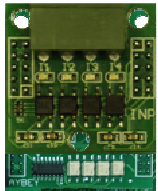
- Use in ACH/ACT system.
- There are 8 I-Os on I/O board.
- Totally 16 I-O call terminals can be used by plugging I/O board.
- Plugged into I/O slot on ACH/ACT mainboard.

INP – PROGRAMMABLE INPUT BOARD



- Plugging INP board adds 4 more programmable inputs.
- Plugged into INP slot on mainboard.

OUT – PROGRAMMABLE OUTPUT BOARD



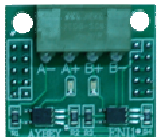
- Plugging INP board adds 4 more programmable inputs.
- Plugged into OUT slot on mainboard.

CSI – CANBUS INTERFACE BOARD



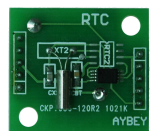
- CSI is CANBus interface unit.
- CAN0 slot is used for shaft communication between ACT/ACH mainboard and cabin, landing units.
- CAN1 slot is used for group communication between different AC series controllers.

ENI – ENCODER CONNECTION BOARD



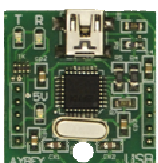
- Can detect car position precisely in mm by means of shaft encoder.
- ENI is interface board for incremental encoders.
- Plugged into ENI slots on ACT board.

RTC– REAL TIME CLOCK BOARD



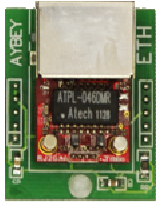
- ACT/ACH Board gets Real Time Clock and Date information from RTC board.
- By adding RTC board, error logs are stored in memory with date and time details.
- By adding RTC board, maintenance time and valve test time function can be used.
- RTC board is plugged into RTC slots in both directions on ACT board.

USB – USB CONNECTION BOARD



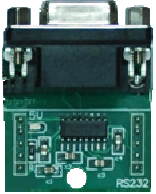
- USB Board is used to establish communication between controller and computer via USB connection.
- Required LIFTNET software can be downloaded from Aybey website: <http://www.aybey.com>
- USB board is plugged into SP slots on mainboard.

ETH – ETHERNET CONNECTION BOARD



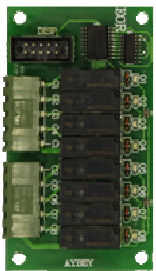
- By means of ETH board, it is possible to connect controller directly or through local network or through the internet.
- Required LIFTNET software can be downloaded from Aybey website: <http://www.aybey.com>
- ETH board is plugged into SP slots on mainboard.

RS232 – GSM MODEM CONNECTION BOARD



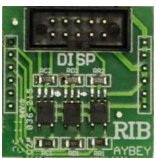
- ACT controller has the feature to send SMS through GSM in case of an error.
- RS232 board is plugged into SP slots on mainboard.

EOR – PROGRAMMABLE OUTPUT BOARD



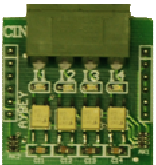
- EOR board adds 8 more programmable outputs.
- Make cable connection from RIB board on mainboard or DISP slot on car board.

RIB – EOR CONNECTION INTERFACE BOARD



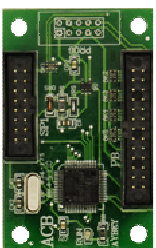
- RIB board is interface between mainboard and EOR board.
- Plug into CAN0 – CAN1 – CAN2 slots on mainboard. (Set [B47] – [B48] – [B49] parameters before plugged in)

CIN – PROGRAMMABLE INPUT BOARD



- Adds 4 more programmable inputs.
- Plugged into CAN0 – CAN1 – CAN2 slots on mainboard. (Set [B47] – [B48] – [B49] parameters before plugged in)

ACB – PARALLEL BUS CONNECTION BOARD *(Only in ACT System)*



- Interface board between PI board and ACT mainboard in case of extra I/O is required.
- Interface board between SWPEX board and ACT mainboard in case of 2 digits parallel connection display is required.
- Interface board between SWPOR board and ACT mainboard in case of Gray/Binary Code or Floor Signal Output is required when no more free output exists in system.

BOARD	PLACE	SOCKET	FUNCTION	SPECIFICATION
I/O	ACT/ACH	I/O	Call Input Output Board	Adds 8 I/Os
CSI	ACT/ACH	CAN0	Shaft Communication	Support car serial or full serial communication
	ACS/ACT/ACH	CAN1	Group Communication	Support group communication
INP	ACS/ACT/ACH ACC	INP	Programmable Input Board	Adds 4 programmable inputs
OUT	ACS/ACT/ACH ACC	OUT	Programmable Output Board	Adds 4 programmable outputs
ENI	ACS/ACT/ACH	ENI	Encoder Connection Board	Gets shaft position information from encoder
USB	ACS/ACT/ACH	SP1/SP2/SP3/SP4	USB Connection Board	Support USB connection
ETH	ACS/ACT/ACH	SP1/SP2/SP3/SP4	Ethernet Connection Board	Support via network or via internet connection
RS232	ACS/ACT/ACH	SP1/SP2/SP3/SP4	GSM Modem Connection Board	Support GSM Modem connection
IDC	ACS/ACT/ACH	SP1/SP2/SP3/SP4	IDC Connection Board	Support IDC connection (EKS, ETU...)
RTC	ACT/ACH	RTC	Real Time Clock Board	Adds real time clock
CIN	ACS/ACT/ACH	CAN0/CAN1/CAN2	Programmable Input Board	Adds 4 programmable inputs
RIB	ACS/ACT/ACH	CAN0/CAN1/CAN2	EOR Interface Board	Interface between EOR and mainboard
EOR	RIB ACC/SCC	DISP	Programmable Output Board	Adds 8 programmable outputs
SDD	ACC/SCC	DISP	Display Drive Board	Drive display signals
SDC	ACC/SCC	SDC	Display Drive Board	Drive display signals
ACB	ACT	UART	Parallel Bus Connection Interface Board	Adds up to 48 I/O with PI board. Support 2 digits display parallel connection with SWPEX board. Support Gray/Binary Code or Floor Signal with SWPOR board.