

# e-pac

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## OPERATION & INSTRUCTION MANUAL

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VERSION V1.1 TO V1.8

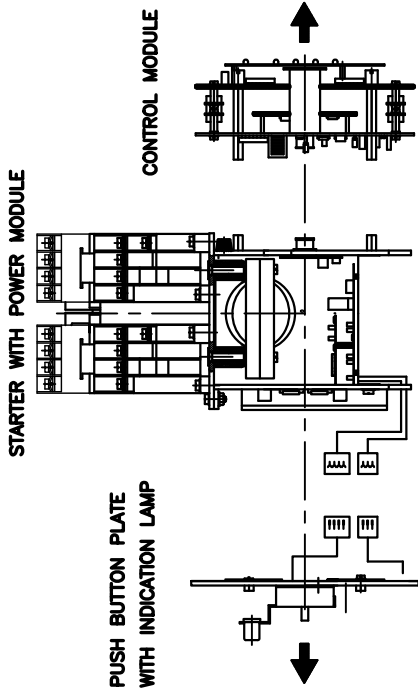
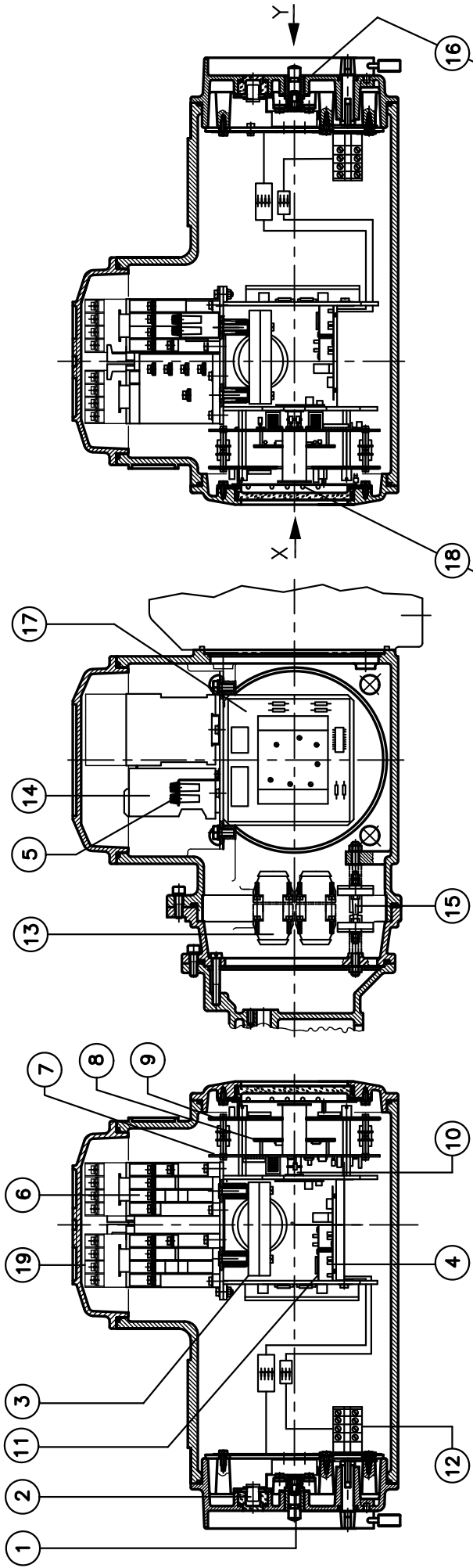
**auma<sup>®</sup> india**



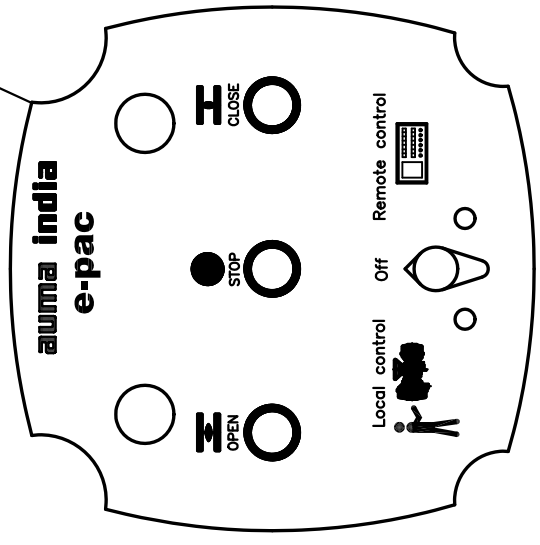
Item No.	Particulars
①	Local push buttons (For Open–Stop–Close)
②	Indication LED (For Open & Close)
③	Control transformer
④	Single phasing protection board (Optional)
⑤	FS1 (Fuse 2A),FS2(Fuse 2A),FS3(Fuse 1A),FS4(Fuse 1A)
⑥	Reversing contactors
⑦	Logic board–1
⑧	Logic board–2
⑨	Interface & Display board
⑩	CBF,64 Pin Inter connection connector (Between starter module & control module)
⑪	Automatic Phase correction board (Optional)
⑫	Mode switch
⑬	32 Pin control Plug & Socket
⑭	Thermal over load relay (Optional)
⑮	Motor Plug & Socket
⑯	Local control legend plate
⑰	Power supply board
⑱	Display plate
⑲	Auxiliary contact block (Optional)

## DISPLAY BOARD LEGEND

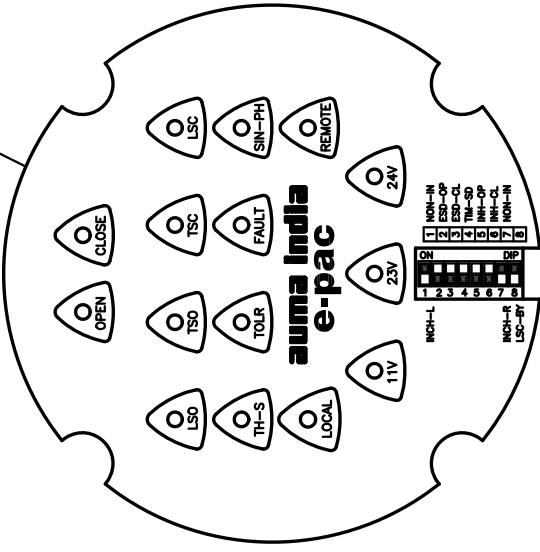
Symbol	Type	Description	Symbol	Type	Description
	Status	Actuator in open direction		Fault	Torque switch open
	Status	Actuator in Close direction		Fault	Torque switch close
	Status	Limit switch open		Fault	Thermoswitch trip
	Status	Limit switch close		Fault	Thermal overload relay trip
	Status	Actuator in local mode		Fault	Fault indication
	Status	Actuator in remote mode		Fault	Single phasing
	Status	11V Internal power supply			
	Status	23V Internal power supply			
	Status	24V DC For Customer's use			



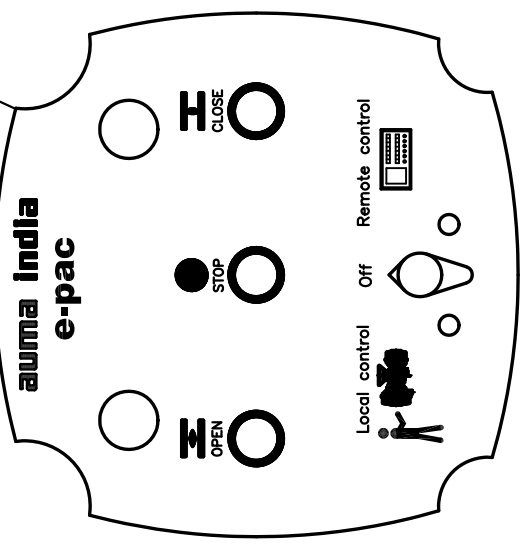
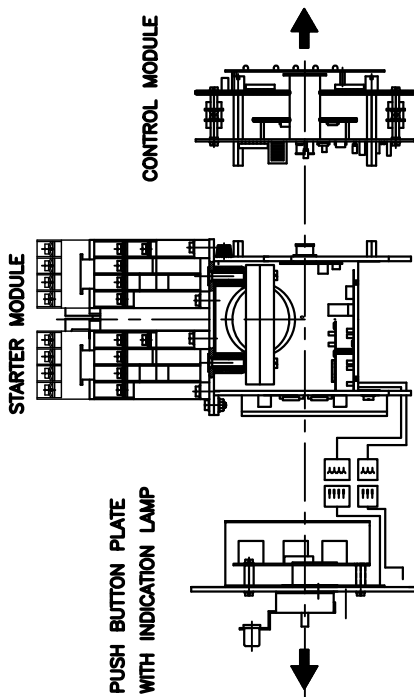
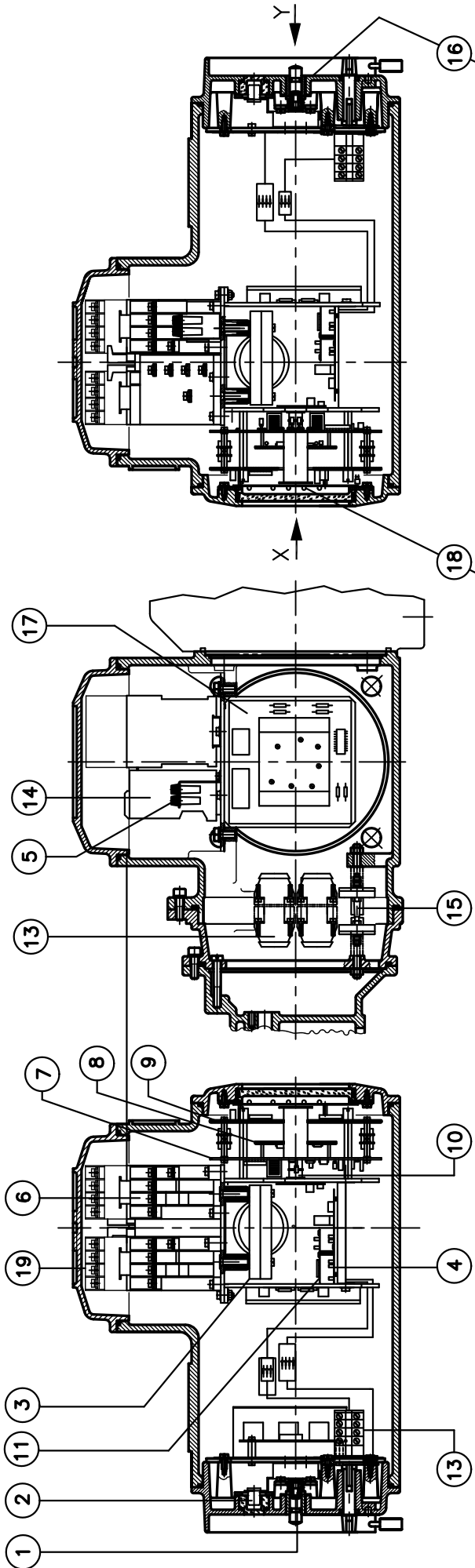
e-pac module without monitor relay



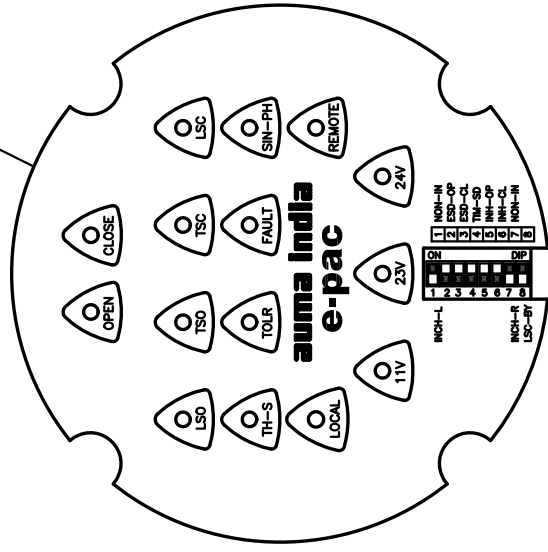
LOCAL CONTROL LEGEND PLATE (VIEW-Y)



DISPLAY PLATE (VIEW-X)



LOCAL CONTROL LEGEND PLATE (VIEW-Y)



DISPLAY PLATE (VIEW-X)

e-pac module with monitor relay(For special feature)



**DIP SWITCH PARTICULARS: –**

Switch No	Switch position OFF	Switch position ON	Applicable for Versions
1	Inching operation in Local mode (non self retaining)	Non-inching operation in Local mode (self retaining)	V1.1 to V1.8
2	–	Emergency shut down to Open	V1.2, V1.4
3	–	Emergency shut down to Close	V1.2, V1.4
4	Timer board operation enabled	Timer board operation disenabled	V1.5
5	–	Inhibit Open direction	V1.6
6	–	Inhibit Close direction	V1.6
7	Inching operation in Remote mode (non self retaining)	Non-Inching operation in Remote mode (self retaining)	V1.1 to V 1.2 V1.5 to V1.8
8	Limit switch close bypass (Closing by torque switch Close)	–	V1.1 to V1.8

Auma India e-pac have motor starter and controls built into the actuator. Controls include selector switch (Local-Off-Remote) and local push button OPEN-STOP-CLOSE.

Scope of these instruction: –

These instructions cover only auma india e-pac. For further instruction for commissioning of actuator refer "Operating instruction SA6-SA100"

- \* Supply voltage & frequency should match with voltage & frequency, which is mentioned in name plate.
- \* **Test run** :- selector switch must be in position 'Local'  
Operate push button for OPEN (  ) or for CLOSE (  ) to run the actuator in required direction. In case of actuator does not run, the status & fault 'LED's will indicate corresponding fault on the display board.
- \* Connect according to corresponding wiring diagram (3WD\_ \_ \_ \_ \_ )

e-pac Name plate:- The following relevant details are available on the e-pac name plate to ensure our support after supply.

