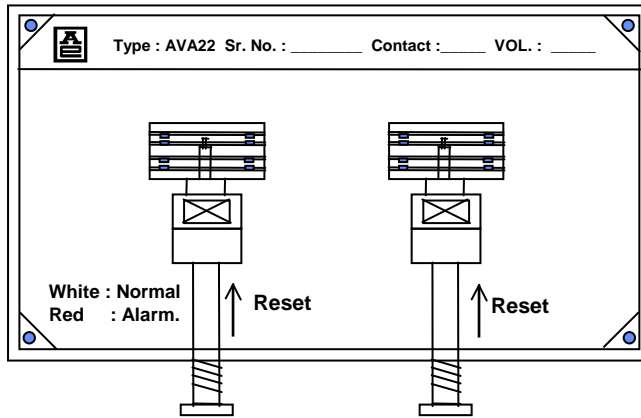




## VOLTAGE OPERATED AUXILIARY (2 ELEMENTS) RELAY, WITH HR & SR CONTACTS

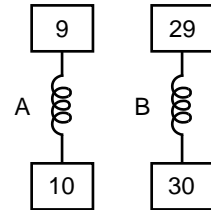
Type: **AVA 22**



Panel Cut-out : 186 x 92mm, Bezel: 203 x 110mm

### Features :

- Contacts conform to IS: 3231. Duty: 1250 VA.
- Attracted armature type compact design with positive action.
- Din Standard size compact cabinet.
- Two independent elements in one cabinet with HR & SR contacts.



Internal Wiring Dig.

### Contact Ratings :

	Make and Carry	Make and Carry For 3 Sec.	Break
AC	1250 VA with max. of 5A & 660 Volts.	7500 VA with max. of 30A & 660 Volts.	1250 VA with max. of 5A & 660 Volts.
DC	1250 W with max. of 5A & 660 Volts.	7500 W with max. of 30A & 660 Volts.	100 W Resistive, 50 W Inductive 5A / 660V.

### Operation :

The relay elements are specially designed to give SR and HR contact combination. There are two independent relay elements. The coil of relay element A is directly brought on terminal 9 and 10, while coil of relay element B is directly brought on terminal 29 and 30. After applying energizing voltage at these terminals, the relay operates and NO contact become close and NC contact become open. Relay is available with flags and AC or DC coil.

### Technical Specifications:

Sr. No.	Specification	Particulars
I.	Operational Limits	: 70 to 110 % of rated voltage.
II.	Operational Time	: 20 - 25ms at nominal rated voltage.
III.	Coil Rating	: 24V / 30V / 110V / 220VDC. AC coils are also available.
IV.	Burden	: @ 30 VDC / 24VDC : 3 VA, @110 VDC : 2 VA, @220 VDC : 4 VA.
V.	Operational Indicator	: Mechanical Flag (Red for Alarm, White for Normal) in window : HR Type.
VI.	Contacts	: 2 NO SR and 1NO -1NC HR for each element. Other Combination is also available on request.
VII.	Combinations	: Ref. : Drawing AXL03002
VIII.	Relay conforms	: IS : 3231 -1981 fully for all requirements.
IX.	Drawing Reference	: For Cabinet Type - MAC00303 ( CSC-H -80) : For Electrical Connection - AXL03002.

**For Ordering specify Coil Voltage (AC or DC). and TB No. Contact type (SR/HR) Flag.**

**(Note: For Small Cabinet please refer AVA22S Relay)**

*Note: Due to our policy to upgrade our products constantly, we reserve the right to supply products which may vary slightly from that indicated above.*

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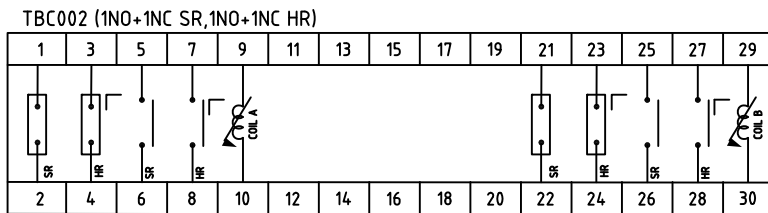
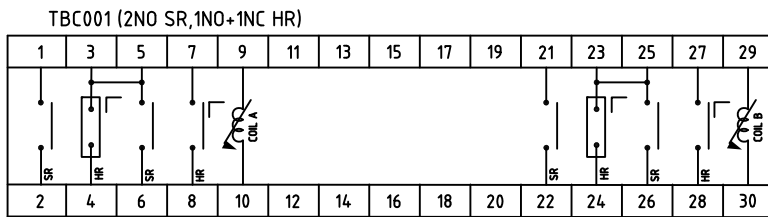
Ref.: AVA22

Issue : 05 Dt : 01.04.08

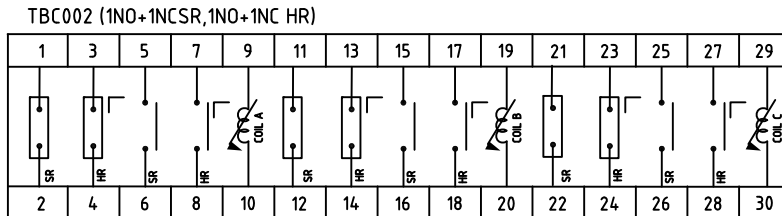
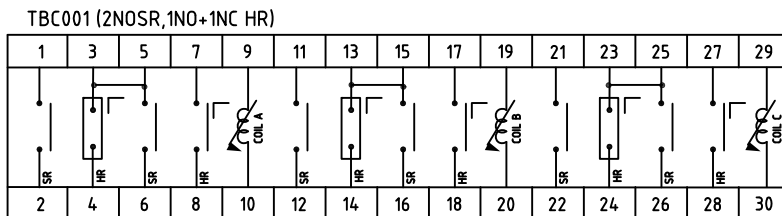
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1	2	3	4
RevNo	Revision note	Date	Signature
02	Drawing Format Updated	29.12.03	
03	TB Nos., Terminal Arrangement changed to suit PCB mounting	01.04.08	

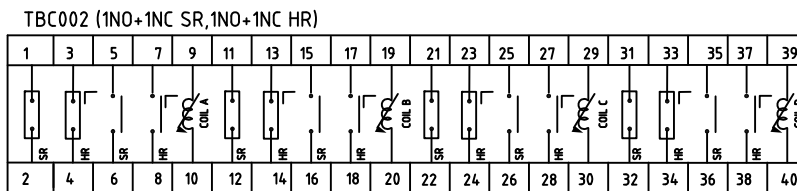
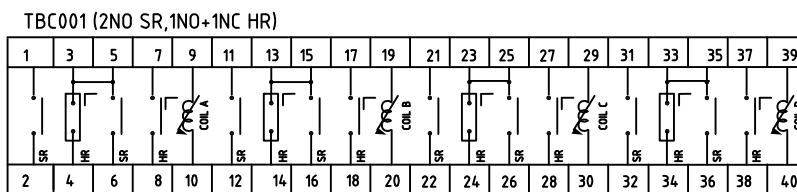
### Back Terminal Arrangement For AVA22 Relay



### Back Terminal Arrangement For AVA32 Relay

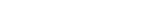
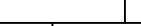
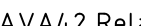
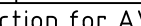
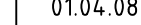
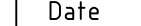
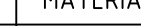
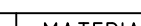
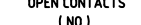
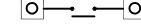
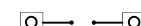


### Back Terminal Arrangement For AVA42 Relay



#### LEGEND:

HR Contact



Dim : MM	TOL :	FINISH:	MATERIAL:
Perpaed by JD	Checked by FD	Approved by - date SMK	Filename AXL03002
Date 01.04.08	Scale NTS		
TITLE : Electrical Connection for AVA22 and AVA32 and AVA42 Relay			
Drawing_ Ref. AXL03002		Edition 03	Sheet 1 OF 1



**ASHIDA Electronics  
Pvt. Ltd.**

TITLE : Electrical Connection for AVA22  
and AVA32 and AVA42 Relay

Drawing\_ Ref. AXL03002

Edition  
03

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