



ASHIDA

## VOLTAGE OPERATED AUXILIARY RELAY WITH SR CONTACTS

Type : **AVA11**



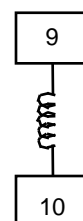
Panel Cutout : 92mm x 92mm

### Features :

- Contacts conform to IS: 3231. Duty: 1250 VA.
- Attracted armature type compact design with positive action.
- Din Standard size compact cabinet.
- SR contacts are available (with or without flags).
- Simple in construction.

### Application :

- To multiply the contacts of Protection Relay.
- Low burden sensitive relay.
- Alarm, Control, Indications and other auxiliary duties in AC and DC system.



Internal Wiring Dig.

### Contacts Rating :

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

### Operation :

The coil of relay element is directly brought on terminal 9 and 10. After applying energizing voltage at these terminals, the relay operates and NO contact closes and NC contact opens. The Contacts are available as Self Reset (SR) type only. Relays are available with or without flags and AC or DC coil.

### Technical Specifications:

Sr. No.	Specification	Particulars
I.	Operational Limits	: 70 to 110% of rated coil voltage.
II.	Operational Time	: 20 - 25ms at nominal rated voltage.
III.	Coil Rating	: 24V / 30V / 110V / 220V DC or AC.
IV.	Burden	: @ 30 VDC / 24VDC : 3 VA, @110 VDC : 2 VA, @ 220VDC : 4 VA.
V.	Operational Indicator	: Mechanical Flag (Red for Alarm, White for Normal) in window : HR Type.
VI.	Contacts	: 4 Pair of SR. (Self Reset).
VII.	Combinations	: 4 NO, 3NO + 1NC, 2NO + 2NC, 1NO + 3NC. (Ref. : Drawing AXL00501 ).
VIII.	Relay Conforms	: IS : 3231 -1981 Fully for all requirements.
IX.	Drawing References	: For Cabinet Type - CSB ( MAC00202 ) : For Electrical Connection - AXL00501.

**For Ordering specify Coil Voltage and TB No.**

*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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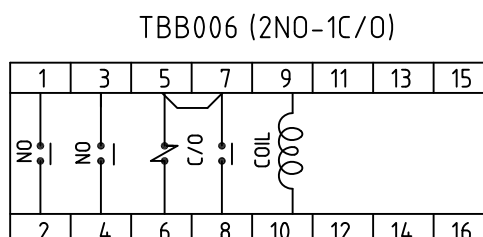
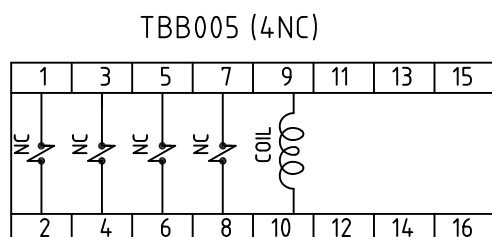
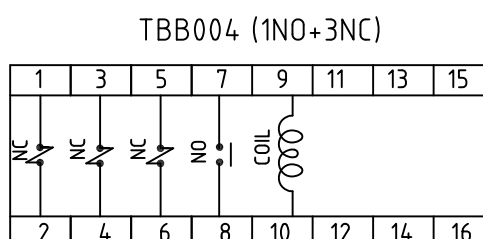
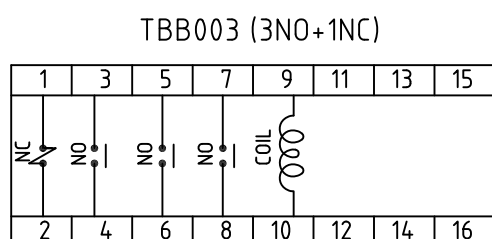
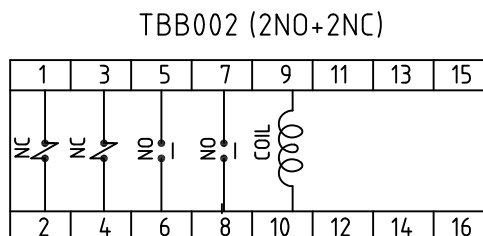
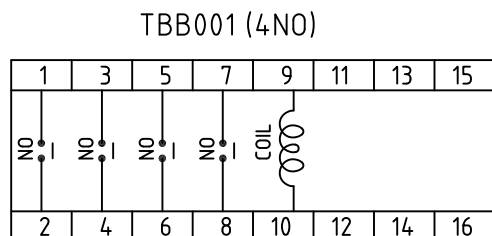
Web: [www.ashidaelectronics.com](http://www.ashidaelectronics.com)

Ref.: **AVA11**

Issue : 06 Dt : 01.12.09

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1	2	3	4
Rev No	Revision note	Date	Signature
06	TB Nos, Terminal Arrangement & Drawing Format Changed	01.04.08	



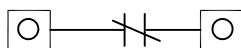
#### NOTE

FOR AVA11 ALL CONTACTS ARE SR TYPE.  
FOR AVA13 ALL CONTACTS ARE HR TYPE.

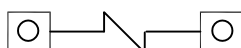
#### LEGEND :




OPEN CONTACTS  
( NO )



CLOSE CONTACTS  
( NC )



CHANGE OVER CONTACTS  
( C/O )

Dim : MM	TOL :	FINISH:	MATERIAL:
Perpaed by JD	Checked by FD	Approved by - date SMK	Filename AXL00501
			Date 01.04.08
			Scale NTS
 <b>ASHIDA Electronics Pvt. Ltd.</b>		TITLE : Electrical Connection for AVA11 & AVA13	
		Drawing__ Ref. AXL00501	Edition 06 Sheet 1 OF 1

