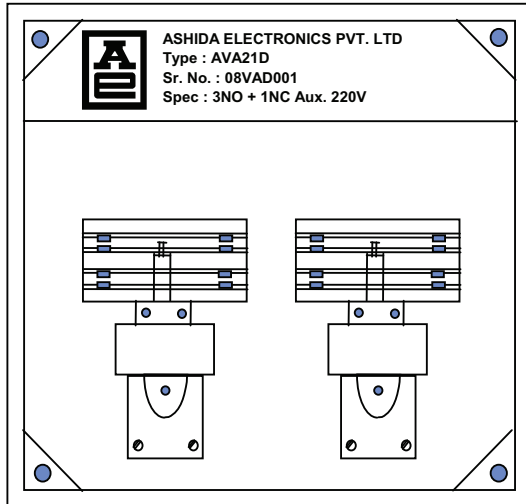




ASHIDA

DC FAILURE ALARM RELAY

Type : **AVA21D**



Panel Cut-Out : 92 x 92mm Bezel : 110 x 110mm

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 / 60V.

Circuit Operation :

Relay coil "74C" (terminal nos.: 9 - 10) is DC operated coil. (Ref. Wiring diagram AXL00701) This is connected to DC supply, which is to be supervised. Push button "TPB1" is externally wired for function test. If the "TPB1" is pressed then the coil 74C which is normally "ON" gets OFF. The contacts of relay 74C terminals: 1-2 becomes NC. This contact lights the alarm lamp "DFL" (DC failure alarm indication). As the relay 74D is off. (This is 240 VAC relay:) its NC contact (Terminal nos.: 6 - 5) is closed which extends AC supply to Hooter (HT). This push button "APB1" is alarm accept push-button, when pressed extends AC supply to 74D relay coil. Relay 74D operates and its NO contact (terminal nos.: 12 - 11) closes and holds the relay 74D in ON condition. This disconnects the Hooter (HT). Relay gets automatically resets when DC supply is restored to more than 80 % normal value. Both Relays element are provided without flag.

For Cabinet Type Ref. Drg. : MAC00201 (CSB –80).

For Electrical Connection Ref. Drg. : AXL00701.

While Ordering Please Specify: **1) DC voltage to be supervised.**

2) AC voltage used for annunciation.

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.

ASHIDA ELECTRONICS PVT LTD.
Plot No. A-308, Road No. 21,
Wagle Industrial Estate,
Thane (W)-400 604. INDIA.
E-mail: sales@ashidaelectronics.com
Web: www.ashidaelectronics.com

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Page 1/1