

Order Number

Serial Number

PRODUCT/TEST MANUAL

3Y701K20

AUXILIARY RELAY

Issue Level	Date	Summary of changes
A	25/10/2011	Initial issue.

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1. BROAD DESCRIPTION OF RELAY

The 3Y701K20 is an auxiliary relay with two normally closed & two normally open contacts. It is mounted in a ZA12 DIN rail mounted enclosure.

2. ASSOCIATED DRAWINGS

182-701-120 Wiring Diagram

3. TEST EQUIPMENT REQUIRED

DC Auxiliary Supply
HV Test Equipment

4. HIGH VOLTAGE TESTING

- a) Apply 2KV RMS for one minute between the terminal groups 1 & 2 in Table 1
- b) Apply three 5KV 1/50us pulses of each polarity between terminal Groups 1 and 2 in Table 1.

TABLE 1	
GROUP 1	GROUP 2
1 - 8	10,11

5. TEST PROCEDURE

- a) Connect all N/O contacts in series.
- b) Connect the 110VDC auxiliary supply to 10 & 11
- c) Ensure that the relay operates. Also verify operation of N/C contact.

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7. GENERAL & FUNCTIONAL

- a) Batch quantity
- b) Quantity tested
- c) Have the rest of the batch been tested to the specification Yes
- d) Check that the relays are electrically sound and mechanically robust as per Standard Inspection & Test Schedule 903-000-026.

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TESTED BY: _____ DATE: _____

8. CONNECTION DIAGRAM

