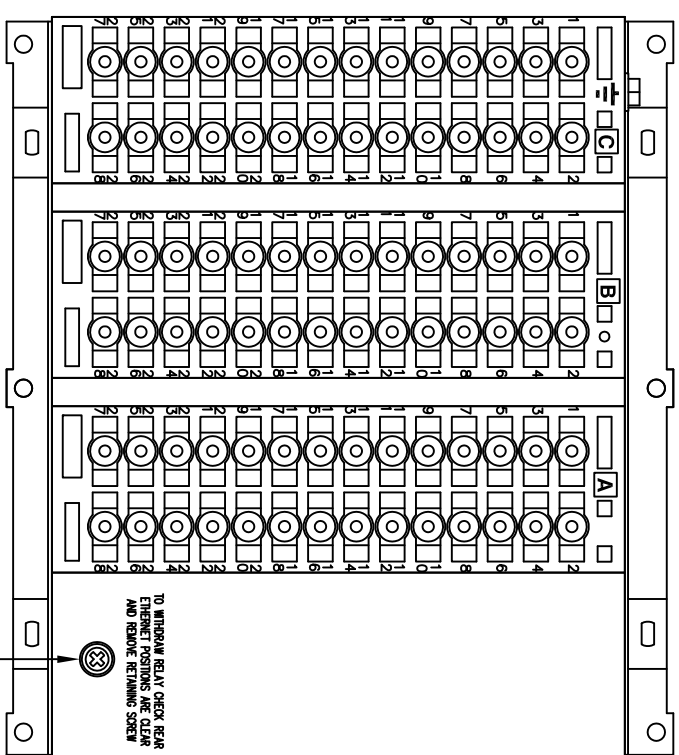
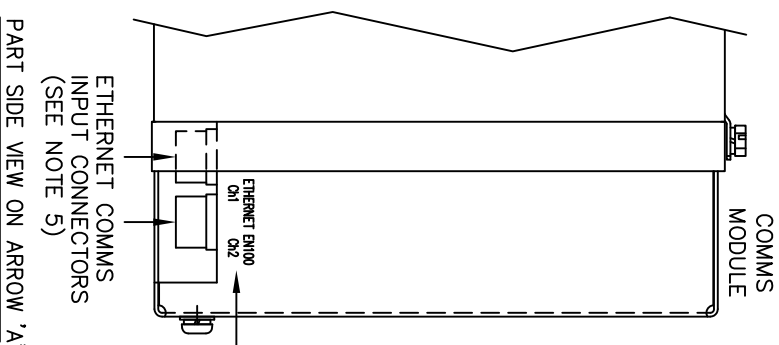


1 IF IN DOUBT ASK
2 DO NOT SCALE



RELAY VIEWED FROM REAR

TO WITHDRAW RELAY CHECK REAR
ETHERNET POSITIONS ARE CLEAR
AND REMOVE RETAINING SCREW



PART SIDE VIEW ON ARROW 'A'

- NOTES
- 1) TERMINALS RECOMMENDED ARE PRE-INSULATED & MUST BE CRIMPED USING APPROVED TOOLING. AMP PIDG OR PLASTI GRIP FUNNEL ENTRY (RING TONGUE) FOR M4 FIXING STUD.
 - 2) FOR OUTLINE & PANEL DRILLING, SEE 2995X10020 (A4).
 - 3) CONNECTIONS TO THIS COMMUNICATIONS FACILITY IS BY SCREENED, TWISTED PAIR CABLE, ON SITE. WHEN WIRING OTHER FACILITIES ENSURE THAT THESE TERMINALS ARE NOT OBSCURED BY OTHER WIRE RUNS.
 - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.
 - 5) THE ETHERNET PORTS CAN BE EITHER - 2xFIBRE OPTIC, DUPLEX CONNECTORS OR 2xELECTRICAL, RJ45 CONNECTORS.

**NOT SUBJECT TO UPDATE
ONCE COPIED / PRINTED
OR DOWNLOADED**

ABBREVIATIONS

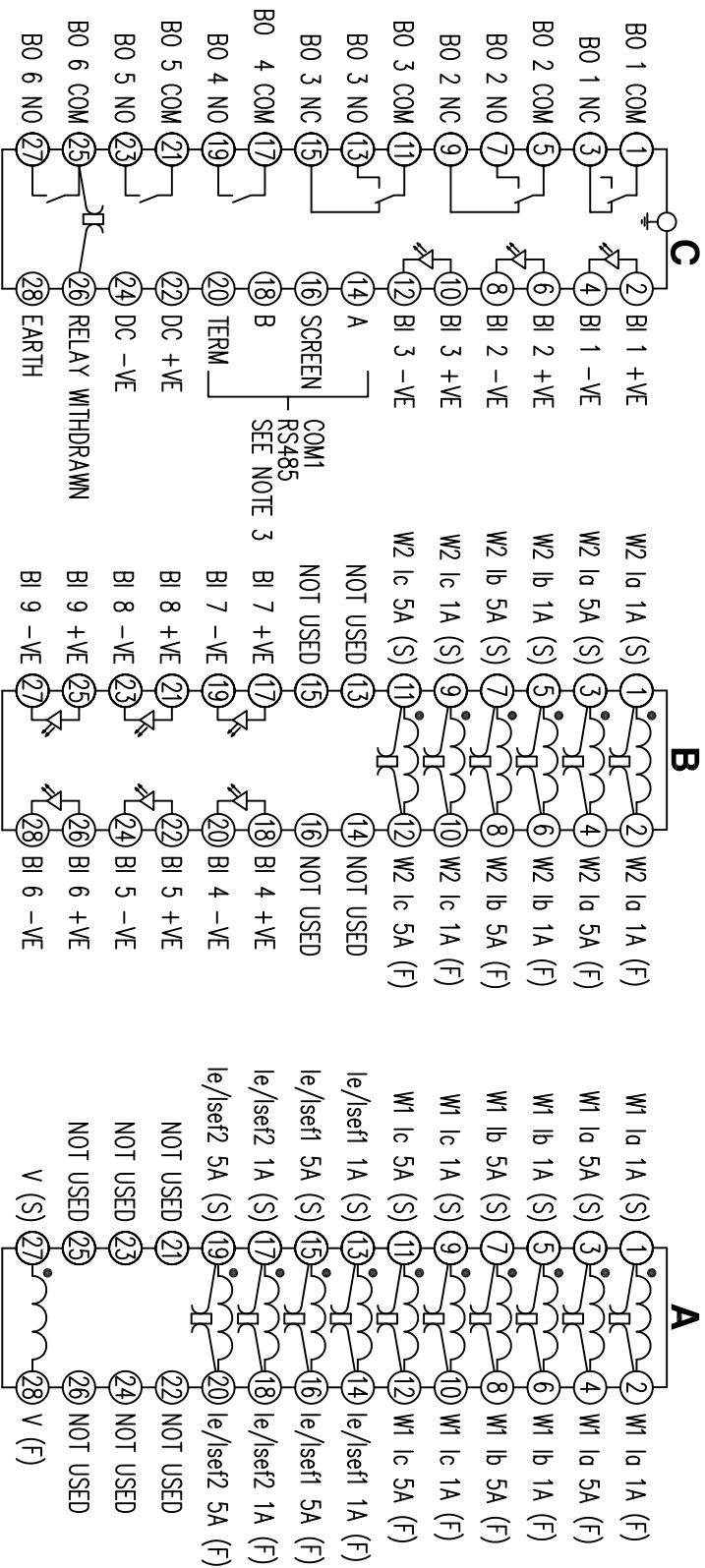
- I-CURRENT INPUTS
- V-VOLTAGE INPUTS
- BI-BINARY INPUTS
- BO-BINARY OUTPUTS
- CO-CHANGE OVER BINARY OUTPUT CONTACTS
- NO-NORMALLY OPEN BINARY OUTPUT CONTACTS
- NC-NORMALLY CLOSED BINARY OUTPUT CONTACTS

SERIAL PORT IDENTIFICATION

- COM1 RS485 (ON BLOCK 'B' TERMINALS 14,16,18 & 20)
- COM2 USB TYPE 'B' PORT (ON RELAY FRONT LABEL)

ETHERNET PORT IDENTIFICATION

- CH1 ETHERNET PORT (ON REAR COMMS MODULE)
- CH2 ETHERNET PORT (ON REAR COMMS MODULE)



Copyright © 2012 Siemens Protection Devices Ltd. Hebburn

2 RDW	18.07.13	RETAINING SCREW POSITION CHANGED.
30/7/13	18.07.13	MN435/3650, 3J1770, KB
1	22/03/12	CHANGE NOTED

MATERIAL:

Dimensions in millimetres : Surface texture in micrometres.
Machine where marked ∇

For explanation of dimensions, tolerances, notes etc. see B.S.308.

Limit on untoleranced unmachined dimensions \pm

Limits on untoleranced machined dimensions to B.S.4500:

i.e. up to 6 \pm 0.1; over 30 to 120 \pm 0.3; over 315 \pm 0.8.

over 6 to 30 \pm 0.2; over 120 to 315 \pm 0.5;

General unmachined angular tolerance \pm

DRAWN K.BURDON CHECKED RD.WATSON APPROVED RD.WATSON

Finish:
Treatment:

Title:
TERMINAL ID & WIRING DIAGRAM FOR 7SR242 DUOBIAS
E8, 8I,1V,9BI,2CO,3NO,1NC,RS485, ETHERNET(x2) COMMS.

SIEMENS PROTECTION DEVICES LTD.

Original Scale.

NTS

Drg. No.

2435W40090

DATE 22/03/2012

IE

OPS

PCP

Purch. Spec. TQ

EAC

CE

STD

A3