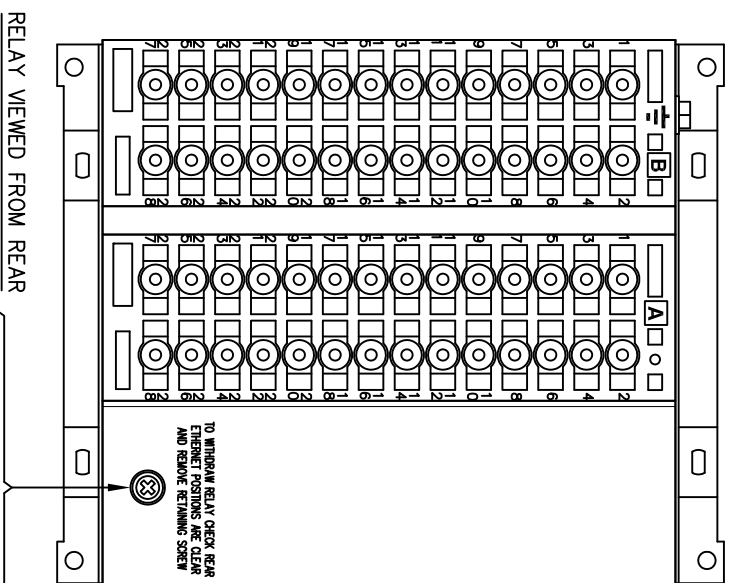
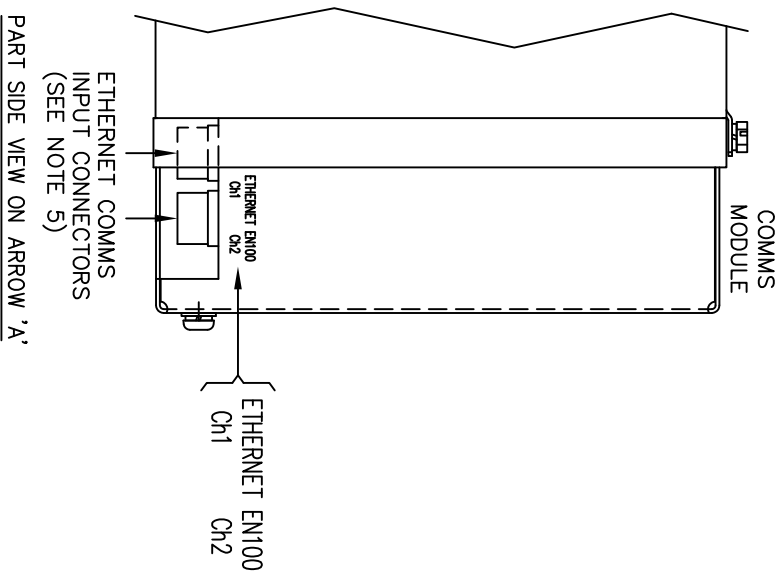


1 IF IN DOUBT ASK
2 DO NOT SCALE

'A'



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



- 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 - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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 -
2 x FIBRE OPTIC OR 2 x ELECTRICAL.

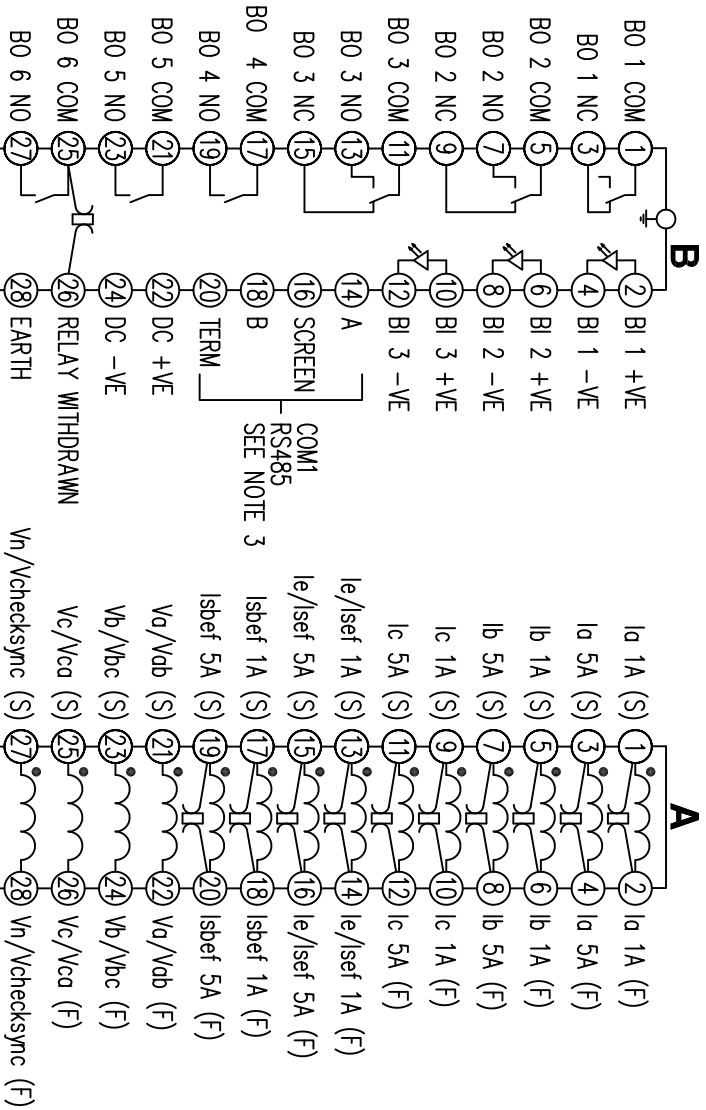
NOT SUBJECT TO UPDATE
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OR DOWNLOADED

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

COMMUNICATIONS IDENTIFICATION

- COM1 RS485 (ON BLOCK 'B' TERMINALS 14,16,18 & 20)
- COM2 USB TYPE 'B' PORT (ON RELAY FRONT LABEL)
- COM3 ETHERNET(x2) PORTS (ON REAR COMMS MODULE)



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| | | |
|---------|----------|--|
| 3 RDW | 18.07.13 | RETAINING SCREW POSITION CHANGED. |
| 30/7/13 | 18.07.13 | MM4x5/3650, 3J1770, KB |
| 2 RDW | 19/01/11 | SILK SCREENED LEGEND WERE LABELS & LEGEND CHANGED. |
| 1 | 10/08/10 | BLN_3HBB_110119 AND SPDL MM4x5/3380 KB |
| ISSUE | DATE | 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: 7SR220, E6, TERMINAL ID & WIRING DIAGRAM
5I, 4V, 3BI, 2CO, 3NO, 1NC, RS485, ETHERNET(x2) PORTS

SIEMENS PROTECTION DEVICES LTD.

Original Scale.

NTS

Dwg. No.

2435W40071

DATE 19/11/2010 IE OPS PCP Purch. Spec. TQ EAC CE STD A3