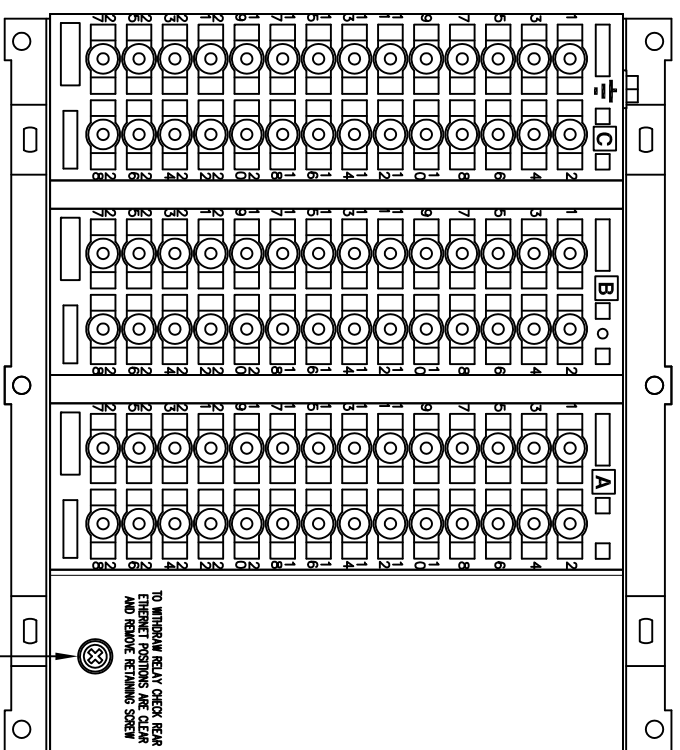
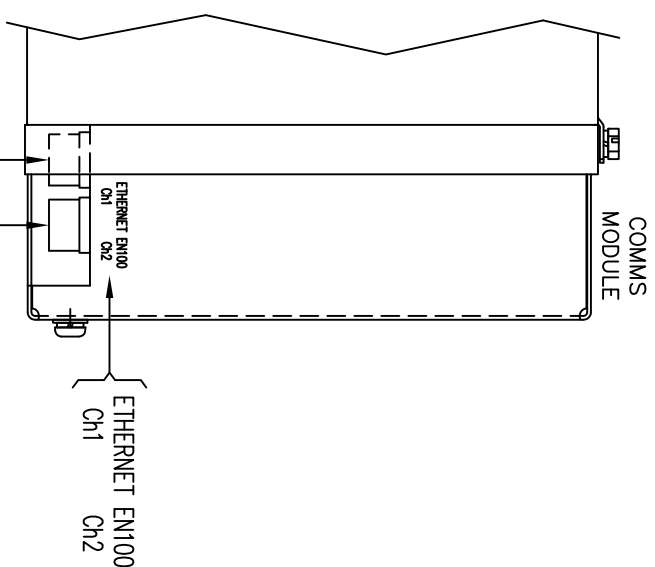


1 IF IN DOUBT ASK
2 DO NOT SCALE



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 - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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 - FIBRE OPTIC(x2) OR ELECTRICAL(x2)

SUPPLIER	PART NUMBER	CABLE SIZE
AMP	342103	0.25-1.6mm ²
AMP	342143	1.0-2.6mm ²

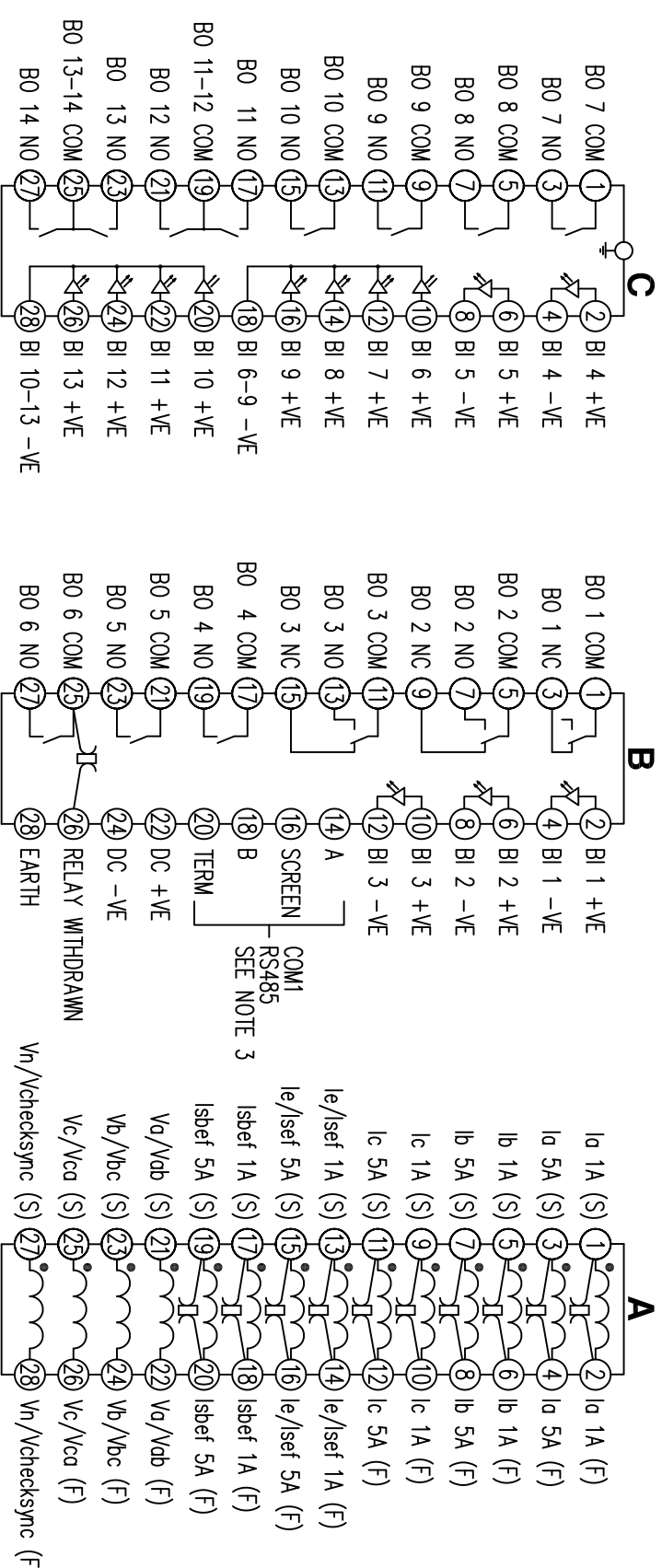
NOT SUBJECT TO UPDATE
ONCE COPIED / PRINTED
OR DOWNLOADED

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

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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ISSUE	DATE	CHANGE NOTED
3 RDW	18.07.13	RETAINING SCREW POSITION CHANGED. MNA35/3650, 3JH770, KB
2 RDW	19/01/11	SILK SCREENED LEGEND CHANGED. WERE LABELS & LEGEND BLN_3HBB_110119 AND SPDLL MNA35/3380 KB
1	18/03/10	

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 _____

Finish: _____
Treatment: _____

Title:
7SR220, E8, TERMINAL ID & WIRING DIAGRAM
5I,4V,13BI,2CO,11NO,1NC, RS485, ETHERNET(x2) PORTS

SIEMENS PROTECTION DEVICES LTD.

Original Scale.

NTS
2435W40072

Drg. No.

Supersedes:

DRAWN	K.BURDON	CHECKED	RD.WATSON	APPROVED	RD.WATSON	DATE	19/11/2010	IE	OPS	PCP	Purch.Spec.	TQ	EAC	CE	STD	A3
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