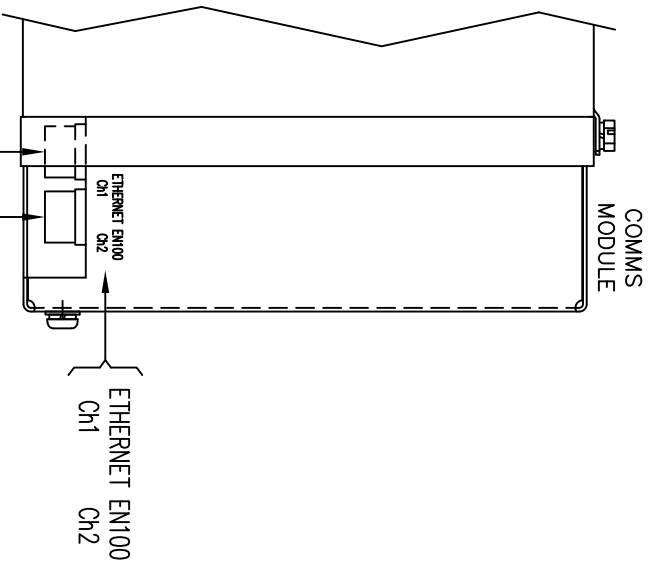
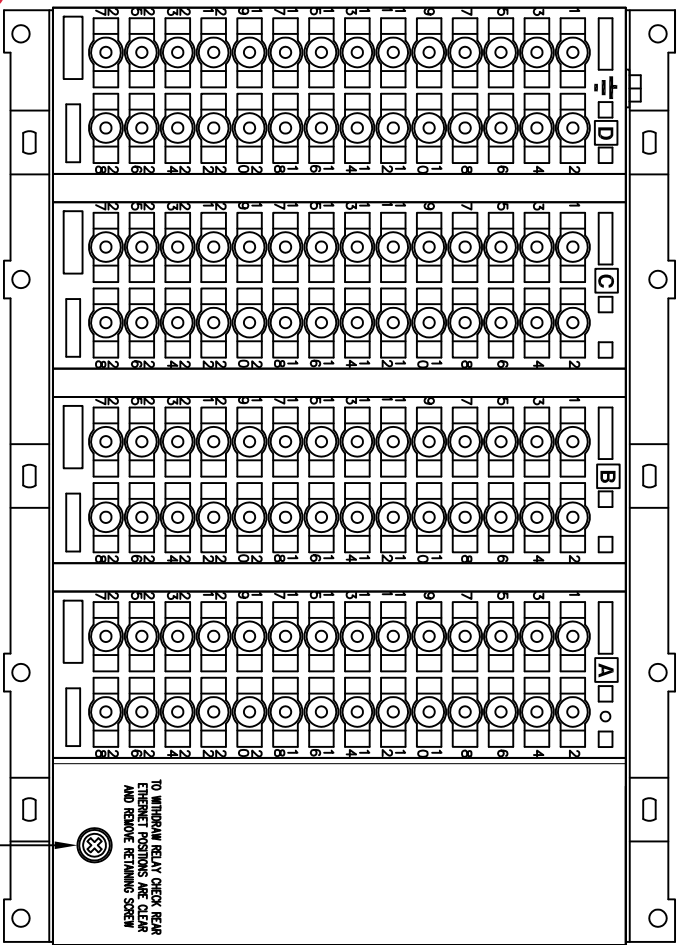


IF IN DOUBT ASK  
DO NOT SCALE



- 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 2995X10021 (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  - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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.

ABBREVIATIONS

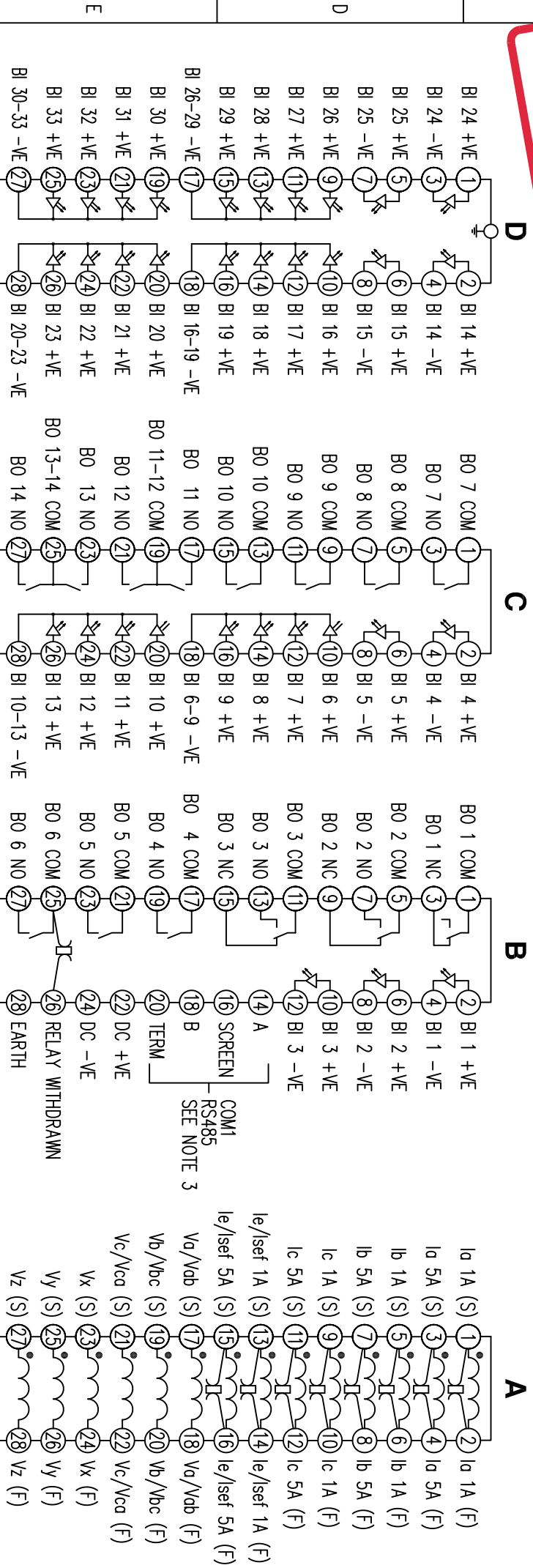
I-CURRENT INPUTS
V-VOLTAGE INPUTS
BI-BINARY INPUTS
BO-BINARY OUTPUTS
CO-CHANGE OVER BINARY OUTPUT CONTACTS
NO-NORMALLY OPEN BINARY OUTPUT CONTACTS
NC-NORMALLY CLOSED BINARY OUTPUT CONTACTS

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)



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2 RDW	19.07.13	RETAINING SCREW POSITION CHANGED.
30/7/13	19.07.13	MN435/3650, 3J1770, KB
1	25/07/11	CHANGE NOTED

MATERIAL: Surface texture in micrometres.

Dimensions in millimetres : Machine where marked

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

Limit on untoleranced unmachined dimensions ±

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

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

General unmachined angular tolerance ±

Finish: Treatment:

Title: 7SR224, E10, TERMINAL ID & WIRING DIAGRAM  
4I,6V,33BI,2C0,11NO,1NC, RS485 & ETHERNET(x2) COMMS

SIEMENS PROTECTION DEVICES LTD.

Original Scale: NTS

Drwg. No. 2435W40075

DRAWN KB	CHECKED RD.WATSON	APPROVED RD.WATSON	DATE 02/12/2011	IE	OPS	PCP	Purch.Spec.	TQ	EAC	CE	STD	A3
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