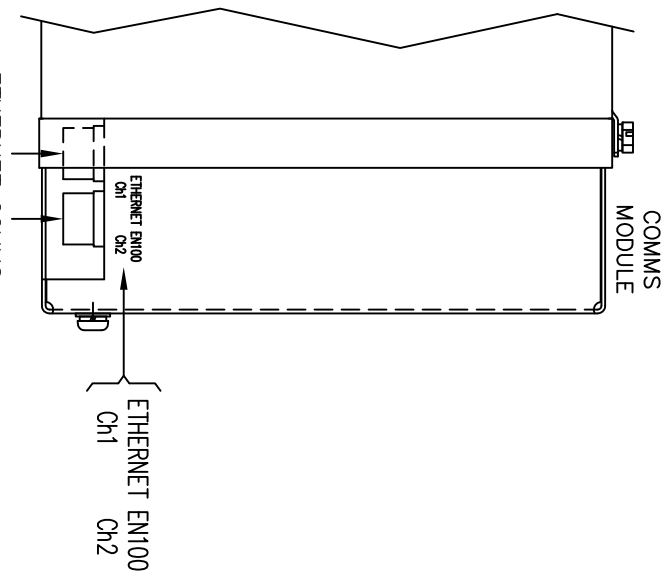
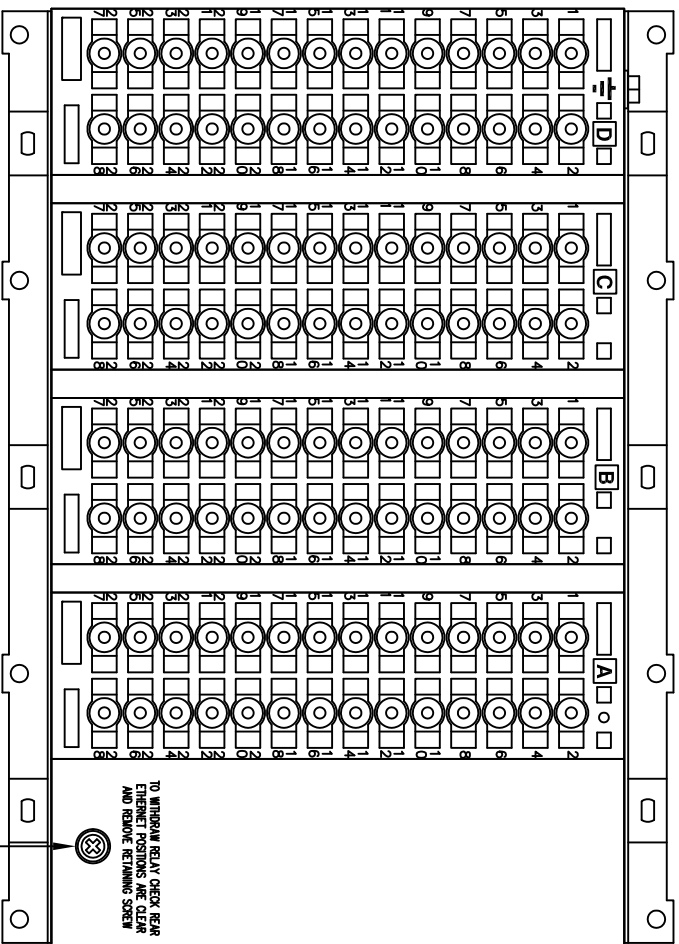


1 IF IN DOUBT ASK  
DO NOT SCALE



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  - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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 - 2X FIBRE OPTIC, DUPLEX CONNECTORS OR 2X ELECTRICAL, RJ45 CONNECTORS.

ABBREVIATIONS

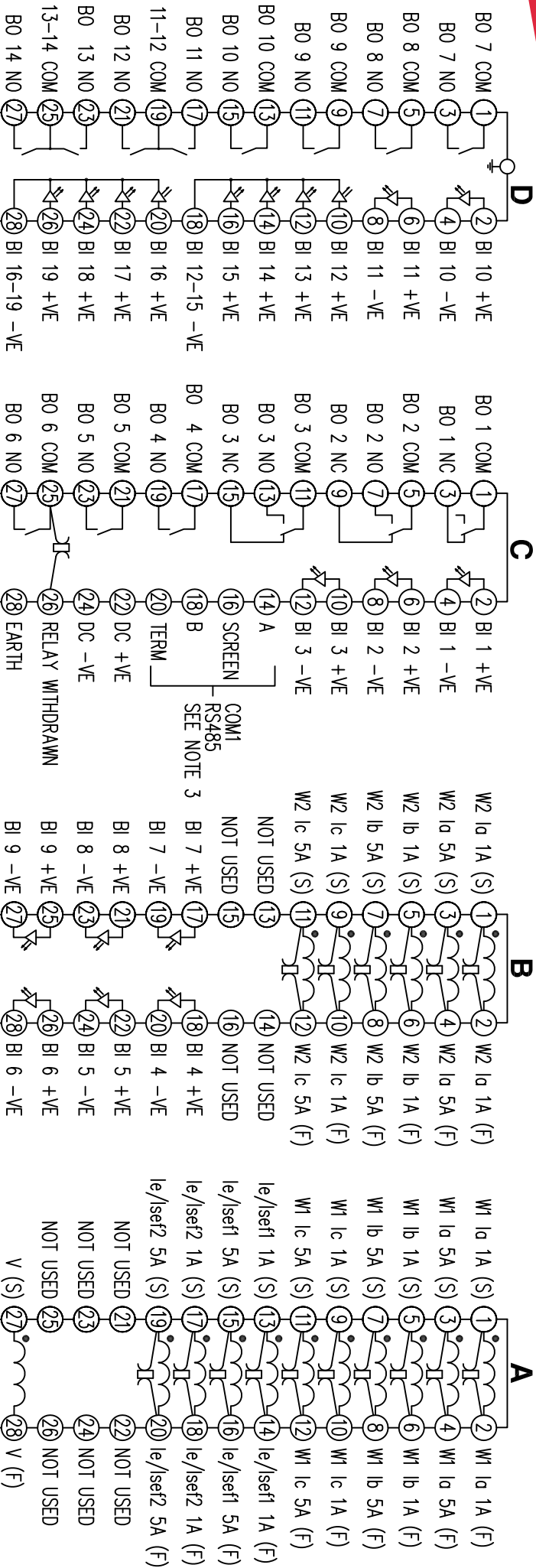
I-CURRENT INPUTS
V-VOLTAGE INPUTS
BI-BINARY INPUTS
BO-BINARY OUTPUTS
CO-CHANGE OVER BINARY OUTPUT CONTACTS
NO-NORMALLY OPEN BINARY OUTPUT CONTACTS
NC-NORMALLY CLOSED BINARY OUTPUT CONTACTS

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	30/7/13	18.07.13	RETAINING SCREW POSITION CHANGED.
1	ISSUE	22/03/21		CHANGE



MATERIAL:

Dimensions in millimetres : Surface texture in micrometres.

Machine where marked  $\nabla$

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:

Title:

TERMINAL ID & WIRING DIAGRAM FOR 7SR242 DUOBIAS E10, 8I,1V,19BI,2CO,11NO,1NC,RS485, ETHERNET COMMS.

Treatment:

**SIEMENS PROTECTION DEVICES LTD.**

Original Scale.

NTS

Drq. No.

2435W40091

DRAWN K.BURDON CHECKED RD.WATSON

DATE 22/03/2012

IE

OPS

PCP

Purch. Spec. TQ

EAC

CE

STD

A3