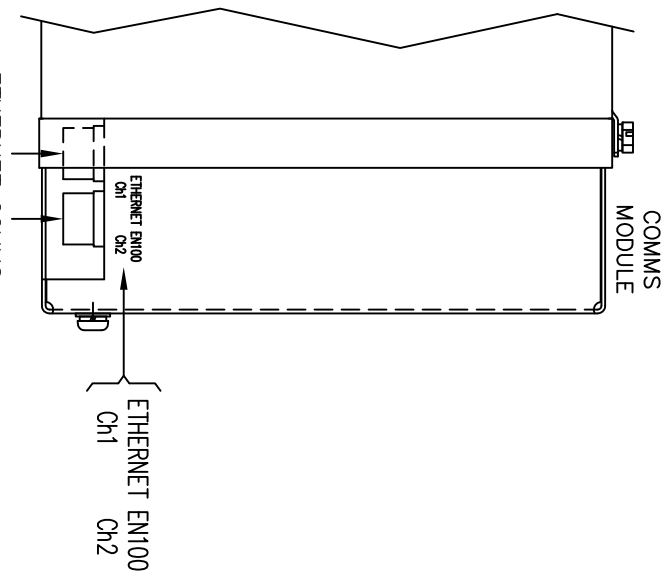
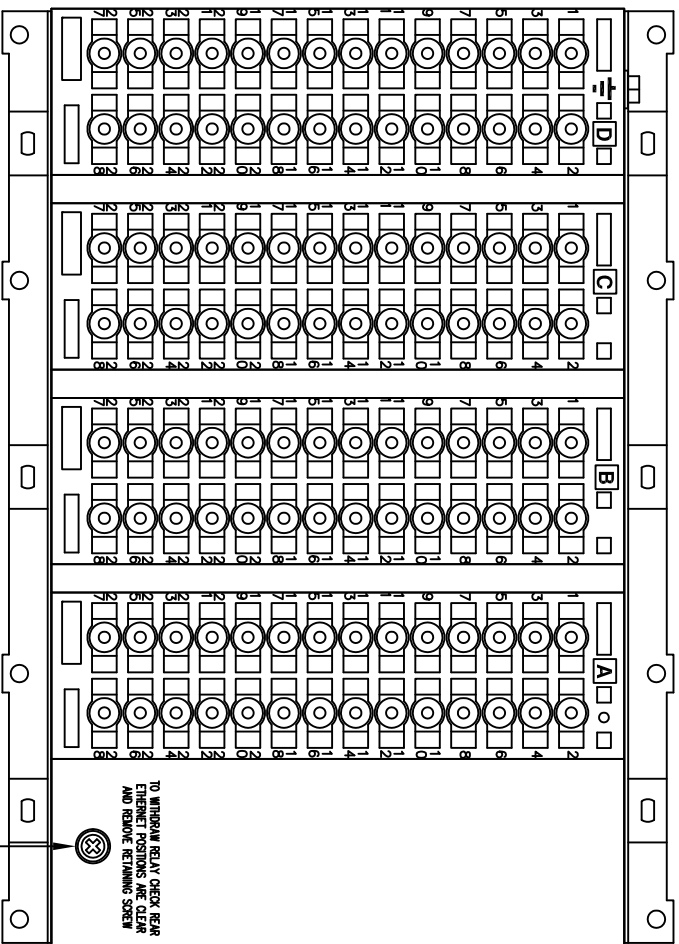


1 IF IN DOUBT ASK
DO NOT SCALE



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

ETHERNET COMMS
INPUT CONNECTORS
(SEE NOTE 5)

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 - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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

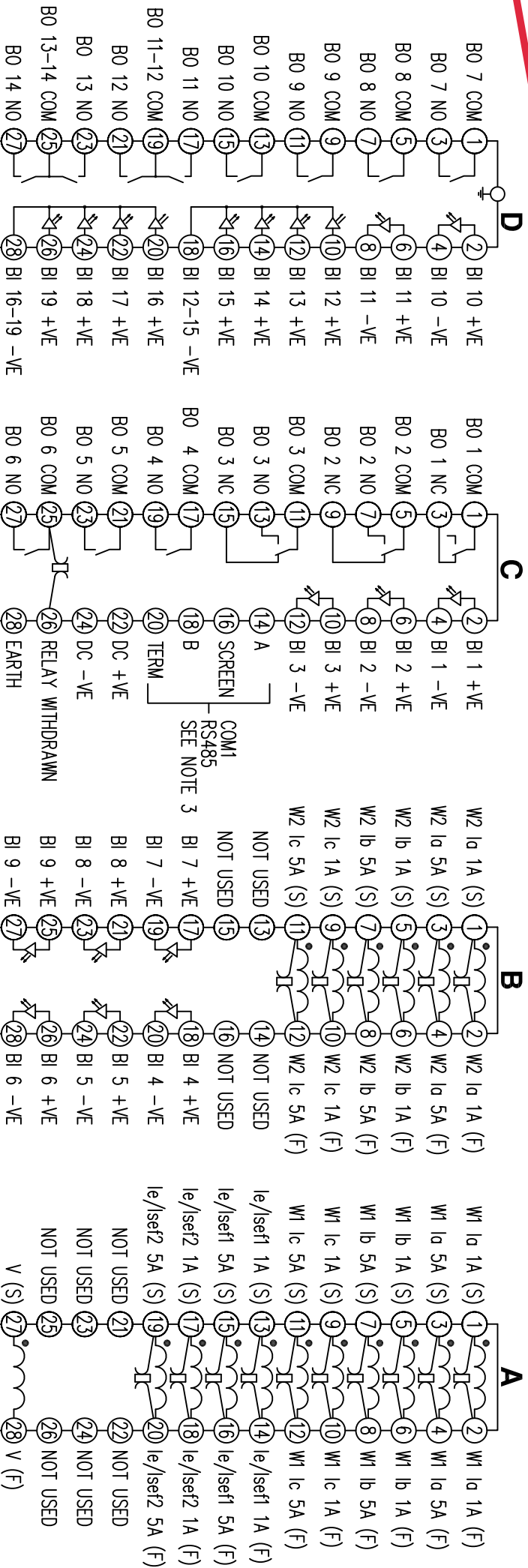
I-CURRENT INPUTS
V-VOLTAGE INPUTS
BI-BINARY INPUTS
BO-BINARY OUTPUTS
CO-CHANGE OVER BINARY OUTPUT CONTACTS
NO-NORMALLY OPEN BINARY OUTPUT CONTACTS
NC-NORMALLY CLOSED BINARY OUTPUT CONTACTS

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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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:

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

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First used on:

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Supersedes:

2 RDW	30/7/13	RETAINING SCREW POSITION CHANGED.
1	22/03/21	MN435/3650, 3J1770, KB CHANGE
ISSUE	DATE	NOTED

DRAWN K.BURDON CHECKED RD.WATSON

DATE 22/03/2012

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OPS

PCP

Purch. Spec. TQ

EAC

CE

STD

A3