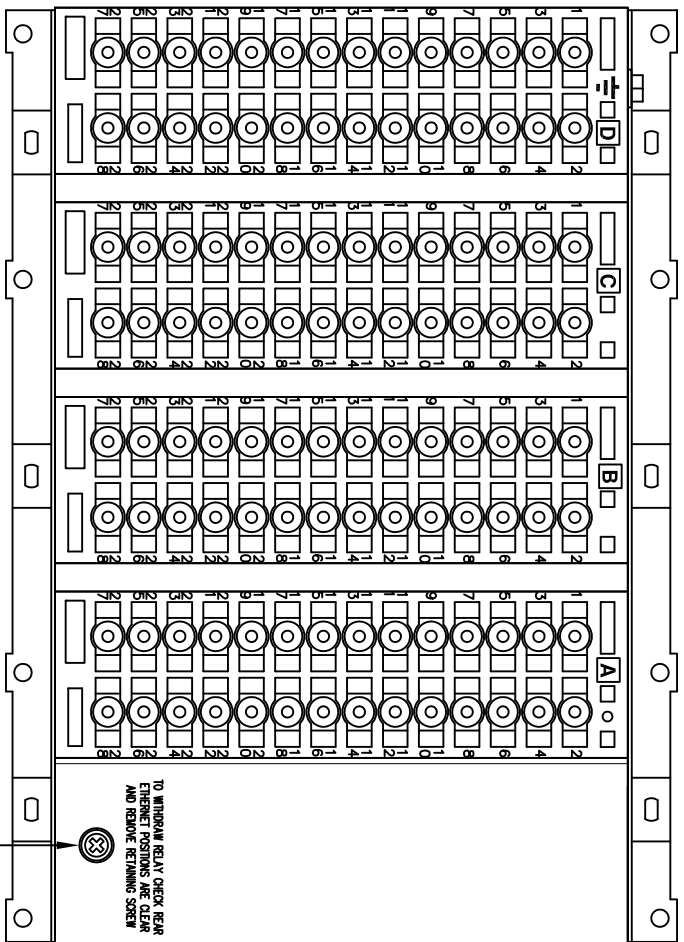
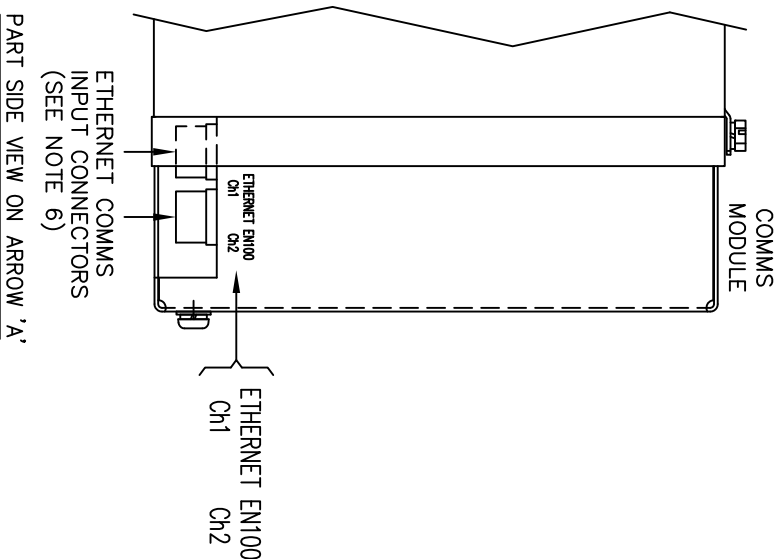


1 IF IN DOUBT ASK
DO NOT SCALE



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

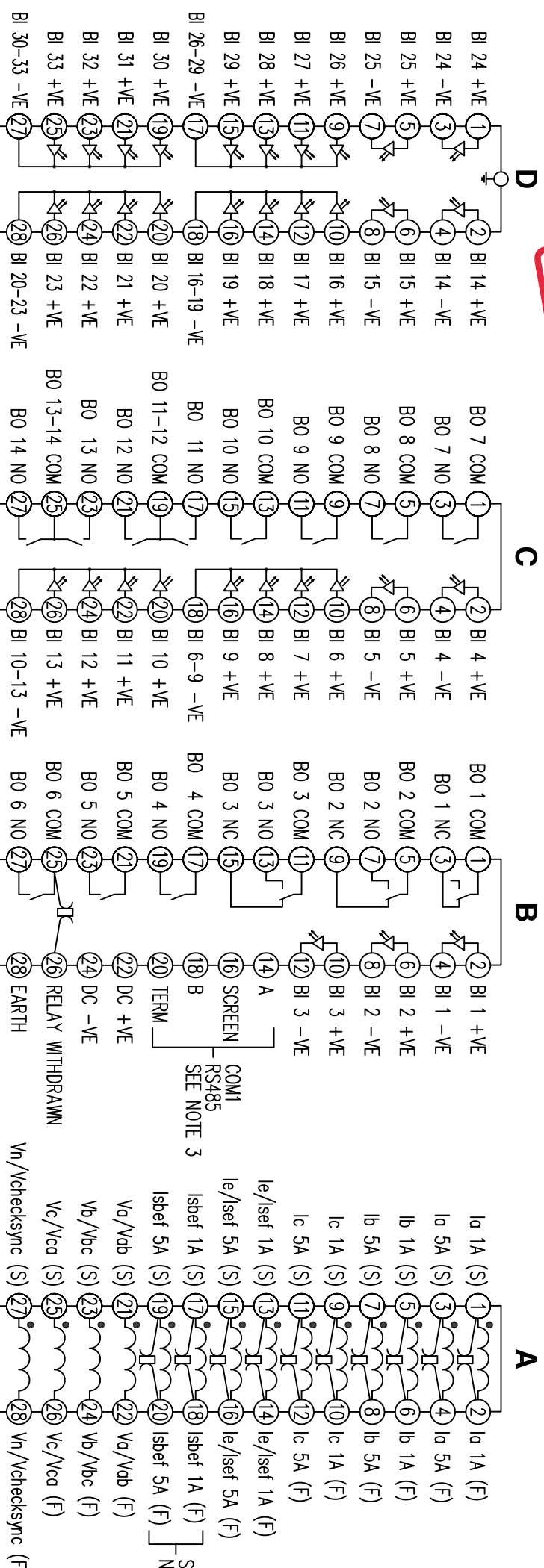


- NOTES
- 1) TERMINALS RECOMMENDED ARE PRE-INSULATED & MUST BE CRIMPED USING APPROVED TOOLING. AMP PIDG OR PLASTI GRIP FUNNEL ENTRY (RING TONGUE) FOR M4 FIXING STUD.
 - 2) FOR OUTLINE & PANEL DRILLING, SEE 2995X10021 (A4).
 - 3) CONNECTIONS TO THIS COMMUNICATIONS FACILITY IS BY SCREENED, TWISTED PAIR 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 - 4) CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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) THESE CTS ALTHOUGH FITTED ARE NOT ACTIVE IN 7SR224 MODELS.
 - 6) 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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3 RDW	19.07.13	RETAINING SCREW POSITION CHANGED.
30/7/13		MN435/3650, 3J1770, KB
2 RDW	22/07/11	61850 COMMS ADDED
		MN3444 KB 3J1139
1	19/05/09	3J0629
ISSUE	DATE	NOTED
		CHANGE

MATERIAL: Surface texture in micrometres.

Machine where marked V

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 ±

DRAWN MM/AL

CHECKED RD.WATSON

APPROVED RD.WATSON

DATE 29/06/09

IE

OPS

PCP

Purch. Spec. TQ

EAC

CE

STD

A3

Finish:

Title: 7SR224, E10, TERMINAL ID & WIRING DIAGRAM
51,4V,33BI,2C0,11NO,1NC, RS485 & ETHERNET(x2) COMMS

Original Scale.

Drg. No.

2435W40044

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