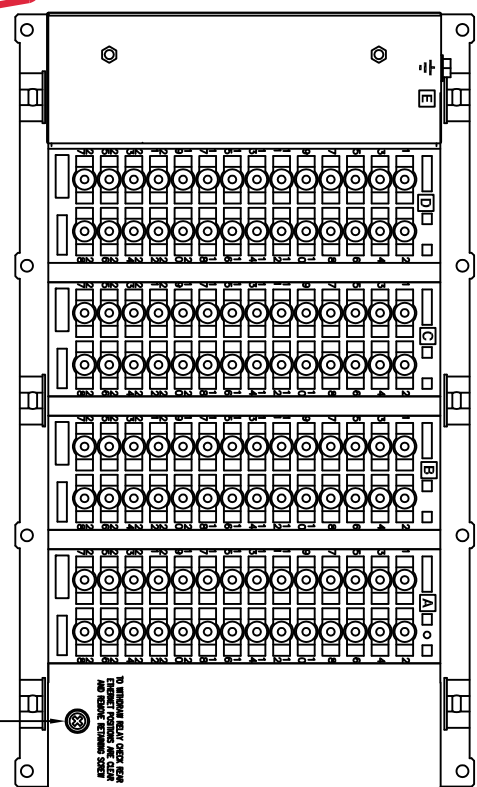
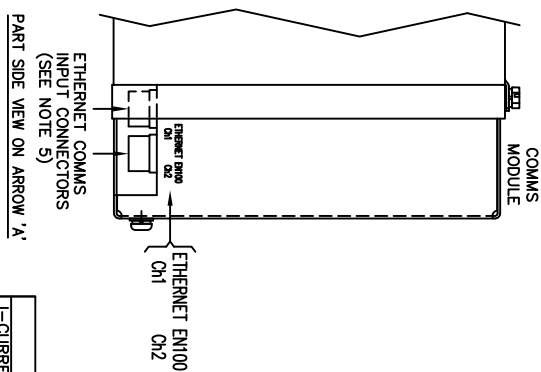


1 IF IN DOUBT ASK
DO NOT SCALE

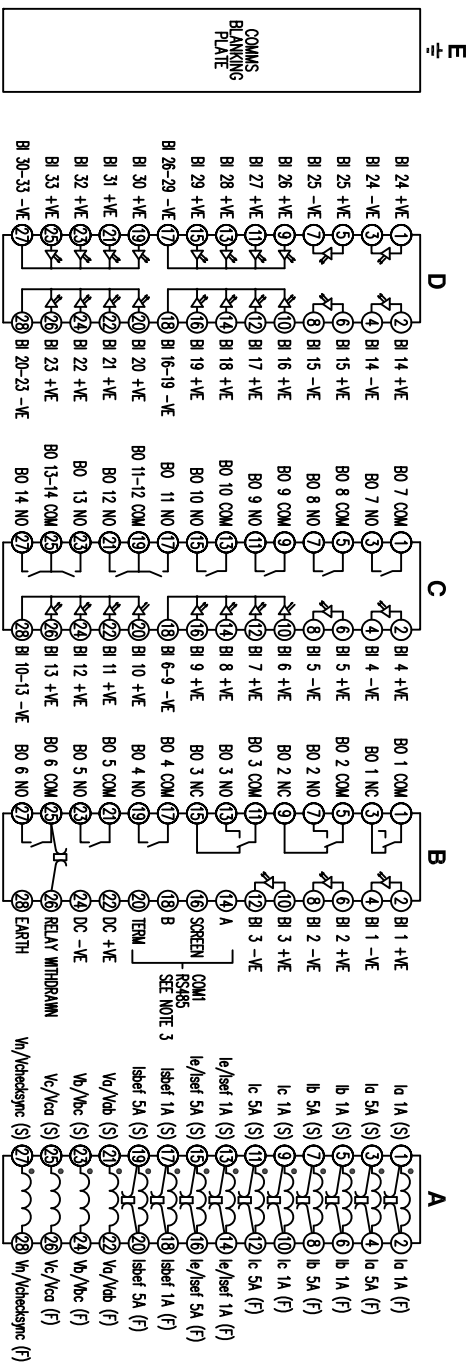
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UNCONTROLLED COPY
NOT SUBJECT TO UPDATE



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 PING OR PLASTI GRIP FUNNEL ENTRY (RING TONGUES) FOR M4 FIXING STUD.
 - 2) FOR OUTLINE & PANEL DRILLING, SEE 2996X10021 (A4).
 - 3) CONNECTIONS TO THIS COMMUNICATIONS FACILITY IS BY SCREENED TWISTED PAIR CABLE ON SITE. WHEN MAKING OF THESE FACILITIES ENSURE THAT THESE TERMINALS ARE NOT OBSCURED BY OTHER WIRE RUNS.
 - 4) CONTACTS SHOWN THIS WAY ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.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	
OH1	ETHERNET PORT (ON REAR COMMS MODULE)
OH2	ETHERNET PORT (ON REAR COMMS MODULE)

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 ±

Limits on untoleranced machined dimensions to B.S.4500:
i.e. up to 6±0.1; over 30 to 120±0.3; over 315±0.5;
over 6 to 30±0.2; over 120 to 315±0.5;
General unmachined angular tolerance ±

DRAWN J SPOWART CHECKED APPROVED N.C. DATE 22/02/2017

Finish: _____
Treatments: _____

Title:
7SR220, E12, TERMINAL ID & WIRING DIAGRAM
5,4V,33BI,2CO,11NO,1NC, RS485, ETHERNET(x2) PORTS

SIEMENS PROTECTION DEVICES LTD.

Original Scale:
NTS

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ISSUE	DATE	NOTED
1	06/02/17	

OPS PCP Purch. Spec. 10 EAC

Dwg. No. **2435W40155**

CE STD A3