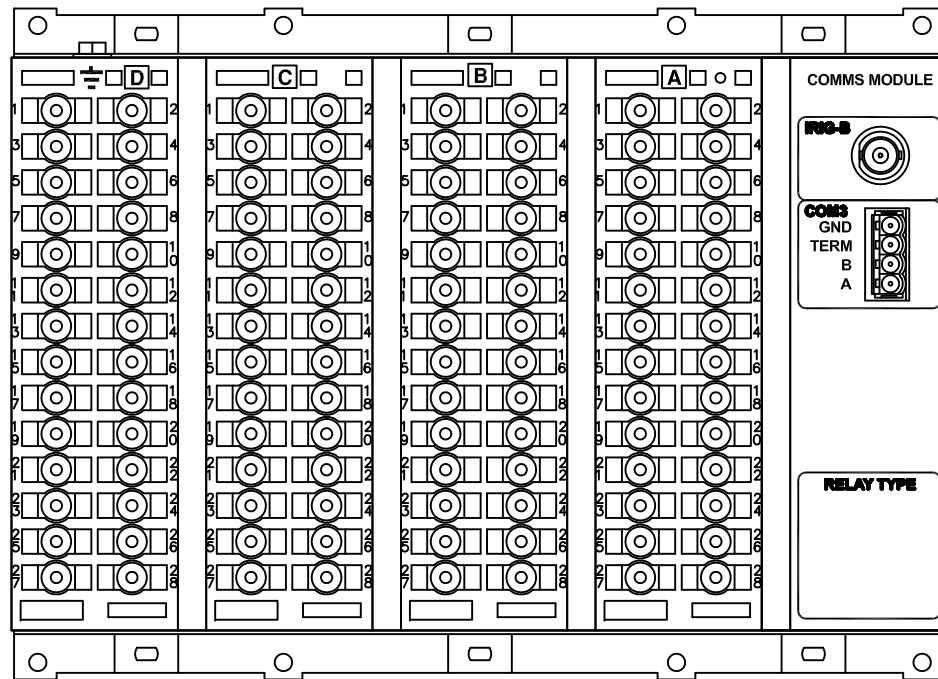




IF IN DOUBT ASK  
DO NOT SCALE

| 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 |

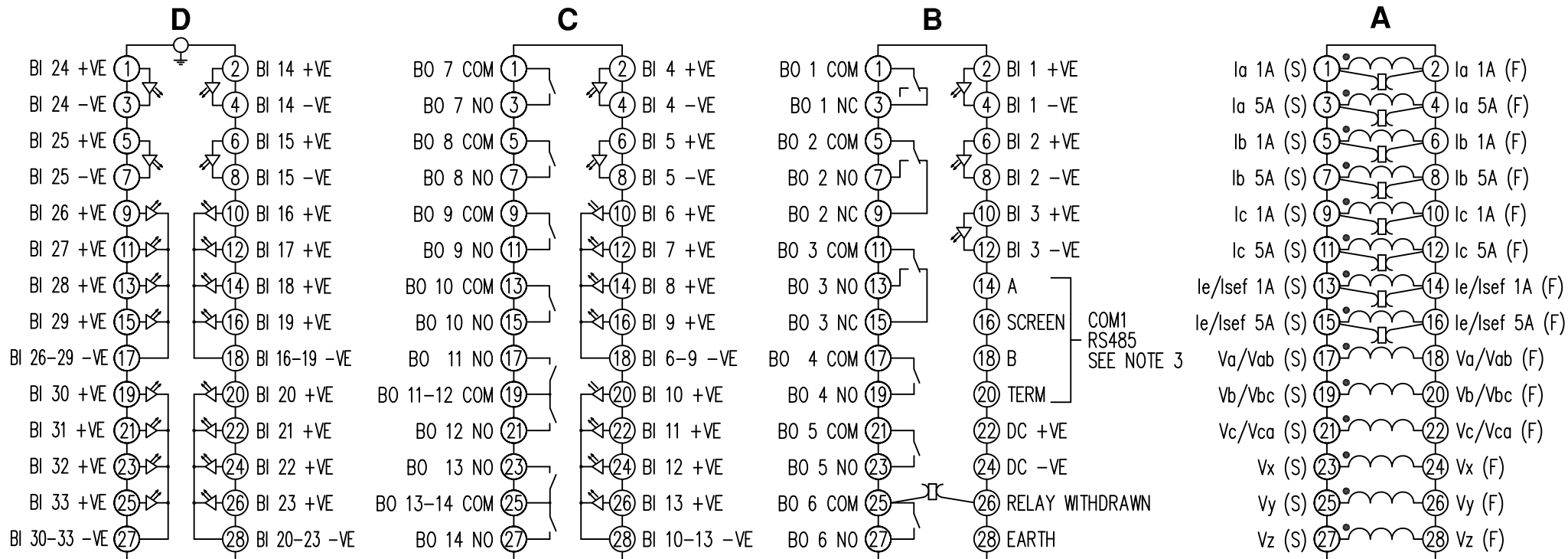
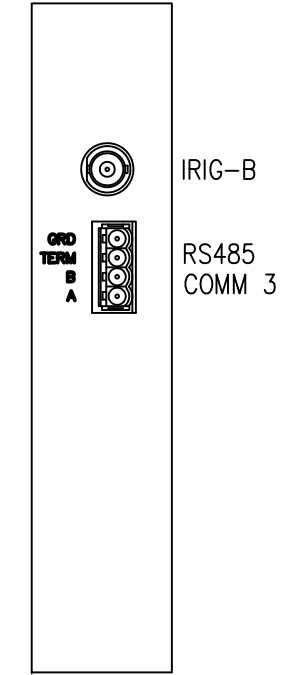
| COMMUNICATIONS IDENTIFICATION |  |
|-------------------------------|--|
| COM1                          | RS485 (ON BLOCK 'B' TERMINALS 14,16,18 & 20) |
| COM2                          | USB TYPE 'B' PORT (ON RELAY FRONT LABEL)     |
| COM3                          | RS485 (ON REAR COMMS MODULE)                 |



RELAY VIEWED FROM REAR

**NOT SUBJECT TO UPDATE  
ONCE COPIED / PRINTED  
OR DOWNLOADED**

- 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 2995X10010 (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  - 4) CONTACTS SHOWN THIS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.



**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±0.8;  
over 6 to 30±0.2; over 120 to 315±0.5;  
General unmachined angular tolerance ± \_\_\_\_\_

Finish: \_\_\_\_\_  
Treatment: \_\_\_\_\_

Title:  
7SR224, E10, TERMINAL ID & WIRING DIAGRAM  
4I,6V,33BI,2CO,11NO,1NC,RS485(x2)+IRIG-B

**SIEMENS PROTECTION DEVICES LTD.**

Original Scale:  
NTS

First used on: \_\_\_\_\_  
Similar Articles: \_\_\_\_\_  
Supersedes: \_\_\_\_\_  
Drg. No.  
**2435W40073**

|       |          |        |
|-------|----------|--------|
| 1     | 14/08/11 | CHANGE |
| ISSUE | DATE     | NOTED  |

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