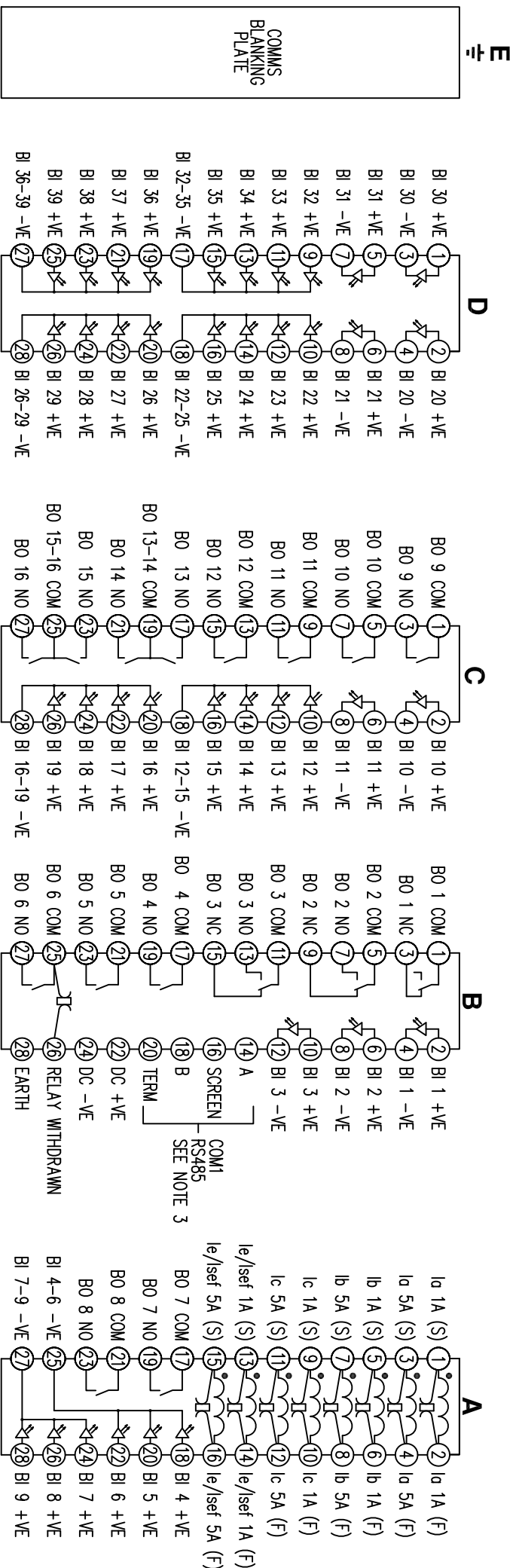
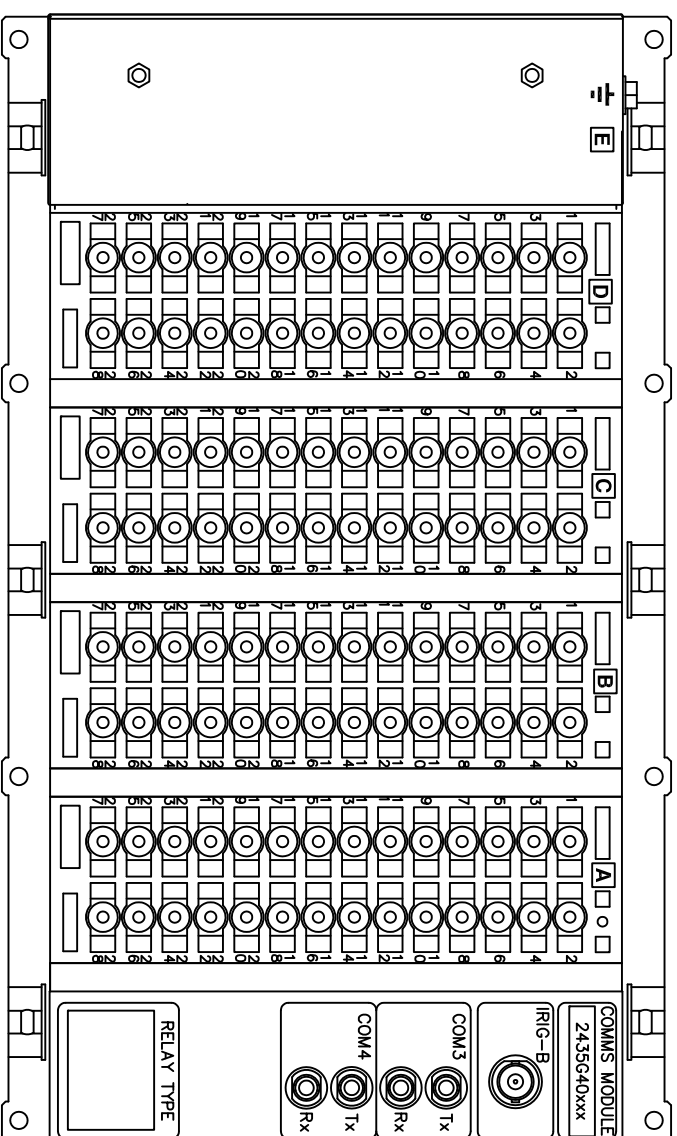


IF IN DOUBT ASK  
DO NOT SCALE

| 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                          | FIBRE OPTIC (ON REAR COMMS MODULE)           |
| COM4                          | FIBRE OPTIC (ON REAR COMMS MODULE)           |



**FOR INTERNAL USE ONLY  
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NOT SUBJECT TO UPDATE**

- NOTES
- TERMINALS RECOMMENDED ARE PRE-INSULATED & MUST BE CRIMPED USING APPROVED TOOLING.  
AMP PIDG OR PLASTI GRIP FUNNEL ENTRY (RING TONGUE) FOR M4 FIXING STUD.
  - FOR OUTLINE & PANEL DRILLING, SEE 2995X10012 (A4).
  - 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.
  - CONTACTS SHOWN THUS ARE INTERNAL RELAY CASE ASSEMBLY AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.

| SUPPLIER | PART NUMBER | CABLE SIZE              |
|----------|-------------|-------------------------|
| AMP      | 342103      | 0.25-1.6mm <sup>2</sup> |
| AMP      | 342143      | 1.0-2.6mm <sup>2</sup>  |

OR ANY OTHER MANUFACTURERS EQUIVALENT TERMINAL.

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: Treatment:

Title: TERMINAL ID & WIRING DIAGRAM FOR RM PLATFORM (4I,39BI,2C0,13N0,1NC,RS485,2F0+IRIG-B) E12 CASE

Original Scale: NTS

Dirg. No. 2435W40147

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| ISSUE | DATE     | CHANGE NOTED |
|-------|----------|--------------|
| 1     | 06/02/17 |              |

|       |           |         |          |      |      |            |    |     |     |             |    |     |    |     |    |
|-------|-----------|---------|----------|------|------|------------|----|-----|-----|-------------|----|-----|----|-----|----|
| DRAWN | J SPOWART | CHECKED | APPROVED | N.C. | DATE | 22/02/2017 | IE | OPS | PCP | Purch.Spec. | TQ | EAC | CE | STD | A3 |
|-------|-----------|---------|----------|------|------|------------|----|-----|-----|-------------|----|-----|----|-----|----|