



| CONNECTOR | PIN | SIGNAL | PIN | SIGNAL | PIN | SIGNAL |
|-----------|-----|------------------------|-----|------------------------|-----|------------------------|
| 1 | 32d | GND | 32b | GND | 32d | GND |
| 2 | 30c | Channel 0 GND | 30c | Channel 0 voltage mode | 30c | Channel 0 GND |
| 3 | 28b | Channel 0 current mode | 28b | Channel 0 voltage mode | 28b | Channel 0 current mode |
| 4 | 28b | NC | 28b | NC | 28b | NC |
| 5 | 24a | NC | 24a | NC | 24a | NC |
| 6 | 22c | Channel 1 GND | 22c | Channel 1 voltage mode | 22c | Channel 1 GND |
| 7 | 20c | Channel 1 current mode | 20c | Channel 1 voltage mode | 20c | Temp 1 |
| 8 | 18c | NC | 18c | NC | 18c | NC |
| 9 | 18c | NC | 18c | NC | 18c | NC |
| 10 | 14a | Channel 2 GND | 14a | Channel 2 voltage mode | 14a | Channel 2 GND |
| 11 | 12c | Channel 2 current mode | 12c | Channel 2 voltage mode | 12c | Channel 2 GND |
| 12 | 10a | NC | 10a | NC | 10a | NC |
| 13 | 8c | NC | 8c | NC | 8c | NC |
| 14 | 8c | NC | 8c | NC | 8c | NC |
| 15 | 4a | Channel 3 GND | 4a | Channel 3 voltage mode | 4a | Channel 3 GND |
| 16 | 4a | Channel 3 current mode | 4a | Channel 3 voltage mode | 4a | Temp 3 |
| 17 | GND | | | | | |

| TIC (X3) MVB CONNECTOR, D-SUB9 FEMALE | | |
|---------------------------------------|-----|---|
| CONNECTOR | PIN | SIGNAL |
| | 1 | A Data P Line A+ |
| | 2 | A Data N Line A- |
| | 3 | NC |
| | 4 | B Data P Line B+ |
| | 5 | B Data N Line B- |
| | 6 | A Term. P - pole of TERMINATOR of line A Connect to A Data P of terminator |
| | 7 | A Term. N - pole of TERMINATOR of line A Connect to A Data N of terminator |
| | 8 | B Term. P - pole of TERMINATOR of line B Connect to B Data P of terminator |
| | 9 | B Term. N - pole of TERMINATOR of line B Connect to B Data N of terminator |
| Shield CONNECT TO GND | | |

| TICO (X5) RS-485 or RS422 CONNECTOR, D-SUB9 MALE | | |
|---|-----|--|
| CONNECTOR | PIN | SIGNAL |
|  | 1 | A: RS485 +; For RS422 (Reception +) |
| | 2 | B: RS485 -; For RS422 (Reception -) |
| | 3 | GND |
| | 4 | Y: RS485 +; For RS422 (Transmission +) |
| | 5 | Z: RS485 -; For RS422 (Transmission -) |
| | 6 | TERM A: Connect to A in terminator (Pin4) |
| | 7 | TERM B: Connect to B in terminator (Pin 5) |
| | 8 | GND |
| | 9 | Not connected |

[illegible]

| Pos. | Description | CAF Power Code | Manufacturer Part | Notes | Quantity |
|-------------|-----------------|----------------|-------------------|---|---------------|
| Reference | IOM462_2ED1EA | | | Drawing number | 060392-00 |
| Designation | OVERALL DRAWING | | |  | Version 02.00 |

| Ver. | Date | Name | MODIFICATION |
|------|----------|--------|---------------------------|
| 1 | 01-06-15 | G.Tomé | Generation of the drawing |
| 2 | 03-06-15 | G.Tomé | Digital input board added |
| | | | |
| | | | |

| TOLERANCE CLASS | > 0,5 ≤ 3 | > 3 ≤ 6 | > 6 ≤ 30 | > 30 ≤ 120 | > 120 ≤ 400 |
|-----------------|--------------|------------|-------------|---------------|----------------|
| f fine | ±0,05 | ±0,05 | ±0,1 | ±0,15 | ±0,2 |
| m medium | ±0,1 | ±0,1 | ±0,2 | ±0,3 | ±0,5 |