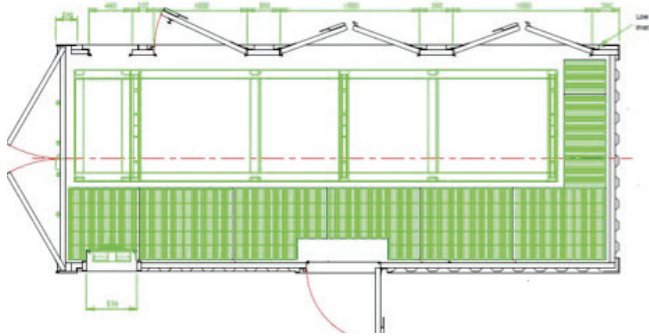


# SWITCHGEAR

## Model: DIST6300-1



### Switchboard Data

|                       |                             |                              |      |                                                          |  |                                     |  |
|-----------------------|-----------------------------|------------------------------|------|----------------------------------------------------------|--|-------------------------------------|--|
|                       |                             | 50Hz                         | 60Hz |                                                          |  |                                     |  |
| VOLTAGE               | VOLTS                       | 240/415                      |      | COLOUR                                                   |  | BS9003<br>RAL7032                   |  |
| MAIN BUS BAR RATING   | AMPS                        | 6300                         |      | MAXIMUM OPERATING AMBIENT                                |  | 35°C                                |  |
| FORM RATING           | Form<br>Type                | 4<br>2                       |      | DIMENSIONS (mm)<br><br>LENGTH<br>WIDTH<br>HEIGHT         |  | 1520<br>660<br>2200                 |  |
| IP RATING             | IP                          | 31                           |      |                                                          |  |                                     |  |
| SWITCHBOARD kA RATING | kA                          | 100kA for 1 second           |      | WEIGHT (kg) switchboard only                             |  | 4800                                |  |
| NUMBER OF POLES       | Incomers                    | 3 phase, Neutral & Earth Bar |      | LIFTING ARRANGEMENTS:                                    |  | ✓ 40mm<br><br><br><br><br><br><br>✓ |  |
| CABLE ENTRIES:        |                             |                              |      | SWITCHBOARD ONLY<br>4 x Base Lifting lugs (on sub frame) |  |                                     |  |
| ACB A1                | Bottom Entry via Cubicle A4 |                              |      | CONTAINER<br>4 x TOP LIFTING EYES/ HOLE DIAMETER (mm)    |  |                                     |  |
| ACB A2                | Bottom Entry via Cubicle A3 |                              |      |                                                          |  |                                     |  |
| ACB B2                | Bottom Entry via Cubicle B3 |                              |      |                                                          |  |                                     |  |
| ACB C2                | Bottom Entry via Cubicle C3 |                              |      |                                                          |  |                                     |  |
| ACB D1                | Bottom Entry via Cubicle D4 |                              |      |                                                          |  |                                     |  |
| ACB D2                | Bottom Entry via Cubicle D3 |                              |      |                                                          |  |                                     |  |

# SWITCHGEAR

## Model: DIST6300-1

### Main Switchgear Details

| BREAKER                 | MANUFACTURER                                                                        | RATING     |            | CONNECTION METHOD |                                          |
|-------------------------|-------------------------------------------------------------------------------------|------------|------------|-------------------|------------------------------------------|
| Incomer or Feeder<br>A1 |    | Current    | 2,000 Amps | Phases            | M12 Bolt - Up to 4 load cables per phase |
|                         |                                                                                     | Fault kA   | 65kA       | Neutral           | M12 Bolt - Up to 4 load cables           |
|                         |                                                                                     | # Poles    | 3          | Earth             | M10 Bolt - Earth Bar external to panel   |
|                         | Model                                                                               | NW20 H1    | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 6.0A |            |                   |                                          |
| Incomer or Feeder<br>A2 |    | Current    | 2,000 Amps | Phases            | M12 Bolt - Up to 4 load cables per phase |
|                         |                                                                                     | Fault kA   | 105kVA     | Neutral           | M12 Bolt - Up to 4 load cables           |
|                         |                                                                                     | # Poles    | 3          | Earth             | M10 Bolt - Earth Bar external to panel   |
|                         | Model                                                                               | NW20 H1    | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 6.0A |            |                   |                                          |
| Incomer or Feeder<br>B2 |   | Current    | 4,000 Amps | Phases            | M12 Bolt - Up to 8 load cables per phase |
|                         |                                                                                     | Fault kA   | 65kVA      | Neutral           | M12 Bolt - Up to 8 load cables           |
|                         |                                                                                     | # Poles    | 4          | Earth             | M10 Bolt - Earth Bar external to panel   |
|                         | Model                                                                               | NW40 H1    | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 6.0A |            |                   |                                          |
| Incomer or Feeder<br>C2 |  | Current    | 4,000 Amps | Phases            | M12 Bolt - Up to 8 load cables per phase |
|                         |                                                                                     | Fault kA   | 105kVA     | Neutral           | M12 Bolt - Up to 8 load cables           |
|                         |                                                                                     | # Poles    | 4          | Earth             | M10 Bolt - Earth Bar external to panel   |
|                         | Model                                                                               | NW40 H1    | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 6.0A |            |                   |                                          |
| Incomer or Feeder<br>D1 |  | Current    | 2,000 Amps | Phases            | M12 Bolt - Up to 4 load cables per phase |
|                         |                                                                                     | Fault kA   | 65kVA      | Neutral           | M12 Bolt - Up to 4 load cables           |
|                         |                                                                                     | # Poles    | 3          | Earth             | M10 Bolt - Earth Bar external to panel   |
|                         | Model                                                                               | NW20 H1    | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 6.0A |            |                   |                                          |
| Incomer or Feeder<br>D2 |  | Current    | 2,000 Amps | Phases            | M12 Bolt - Up to 4 load cables per phase |
|                         |                                                                                     | Fault kA   | 105kVA     | Neutral           | M12 Bolt - Up to 4 load cables           |
|                         |                                                                                     | # Poles    | 3          | Earth             | M10 Bolt - Earth Bar external to panel   |
|                         | Model                                                                               | NW20 H1    | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 6.0A |            |                   |                                          |
| Spare<br>Cubicle        |                                                                                     | Current    |            | Phases            |                                          |
|                         |                                                                                     | Fault kA   |            | Neutral           |                                          |
|                         |                                                                                     | # Poles    |            | Earth             |                                          |
|                         | Model                                                                               | NS1000 N4  | Notes:     |                   |                                          |
|                         | Trip Type                                                                           | Micro 2.0  |            |                   |                                          |