JABATAN KERJA RAYA MALAYSIA
CAWANGAN KEJURUTERAAN ELEKTRIK
UNIT PENSIJILAN BAHAN & STANDARD

**TECHNICAL INFORMATION** **RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCCB)**

| **A. COMPANY INFORMATION** | | | | |
|---|---|---|---|---|
| **COMPANY NAME :** | | | | |
| **ADDRESS :** | | **TELEPHONE NO :** | | |
| | | **FAX NO :** | | |
| | | **COMPANY EMAIL :** | | |
| **ISO CERTIFIED COMPANY** | | | **REGISTRATION NO:** | **SCOPE:** |
| 1. ISO 9001 | ☐ YES | ☐ NO | ..... | ..... |
| 2. ISO 14001 | ☐ YES | ☐ NO | ..... | ..... |
| 3. ISO 50001 | ☐ YES | ☐ NO | ..... | ..... |
| 4. ISO ..... | ☐ YES | ☐ NO | ..... | ..... |

| **B. PRODUCT INFORMATION** | | |
|---|---|---|
| **BRAND NAME :** | | |
| **MODEL** : | 1. ..... | 4. ..... |
| | 2. ..... | 5. ..... |
| | 3. ..... | 6. ..... |
| **STANDARD NO.:**<br>**(MS IEC/IEC/etc.)** | | |
| **CERTIFICATE OF APPROVAL :**<br>**(SURUHANJAYA TENAGA, if any)** | **DATE OF ISSUE:** | |
| | **VALID UNTIL:** | |
| **PRODUCT CERTIFICATION :**<br>**LICENSE (SIRIM/OTHER)** | **DATE OF ISSUE:** | |
| | **VALID UNTIL:** | |
| **TEST REPORT NO.:** | **TESTING LABORATORY:** | |
| | **DATE OF ISSUE:** | |
| **COUNTRY OF MANUFACTURED:** | | |
| **NAME OF MANUFACTURER:** | | |
| **FACTORY ADDRESS :** | | |

| C. STANDARD AND SPECIFICATIONS (Please ✓ where applicable) | | | | | |
|---|---|---|---|---|---|
| **No.** | **Description** | **Yes** | **No** | **Test Report No & Page No** | **Remarks (for JKR use)** |

**NOTES :**

**Registration is for RCCB of 40A and 63A with rated tripping current of 10mA, 30mA and 100mA only.**

| | | | | | |
|---|---|---|---|---|---|
| **1.0** | **RCCB is tested and manufactured to the following requirements:** | | | | |
| 1.1 | Compliance to MS IEC MS IEC 61008-1 | ☐ | ☐ | | |
| | Compliance to MS IEC 61008-2-1 | ☐ | ☐ | | |
| 1.2 | Shall be current operated | ☐ | ☐ | | |
| 1.3 | Shall be independent of line voltage | ☐ | ☐ | | |
| 1.4 | Suitable for use on 240/415V, 50Hz | | | | |
| 1.5 | Rated conditional short circuit current ($I_{nc}$) shall be of minimum 6 kA<br>Value of Inc : ..... kA (please specify) | ☐ | ☐ | | |
| **2.0** | **Tripping Test** | | | | |
| 2.1 | Push-button type | ☐ | ☐ | | |
| **2.0** | **Protection against impulse voltage/transient over voltage** | | | | |
| 3.1 | Provide resistance against nuisance tripping due to impulse voltage or transient overvoltage | ☐ | ☐ | | |
| **4.0** | **Construction** | | | | |
| 4.1 | Equipped with screw clamping type of cable terminals | ☐ | ☐ | | |
| 4.2 | Covered by moulded phonolic plastic with knockouts for cable entry | ☐ | ☐ | | |

| No. | Description | Yes | No | Test Report No & Page No | Remarks (for JKR use) |
|---|---|---|---|---|---|
| **5.0** | **Marking on Products** | | | | |
| 5.1 | Clause 6 of MS IEC 61008-1:2012 and MS IEC 61008-2-1:2011 requires the following information shall be marked in a durable manner on a circuit breaker: | | | | |
| | a) Manufacturer's name or trade mark | ☐ | ☐ | | |
| | b) Type designation, catalogue number or serial number | ☐ | ☐ | | |
| | c) Rated Voltage(s) | ☐ | ☐ | | |
| | d) Rated Current | ☐ | ☐ | | |
| | e) Rated residual operating current | ☐ | ☐ | | |
| | f) Operating means of the test device, by the letter T | ☐ | ☐ | | |
| | g) Wiring diagram | ☐ | ☐ | | |
| | h) Operating characteristic in presence of residual current with d.c components : *e.g AC with symbol ~* | ☐ | ☐ | | |

**D. DETAILS OF RCCB**

**1.0 List of Models** *(Please attach Perakuan Suruhanjaya Tenaga and Lesen Pensijilan SIRM)*

| No | Model | Rated Current (A) | Rated Voltage & Frequency (V,Hz) | Rated residual operating current (mA) | No of Poles | Type (A/AC) |
|---|---|---|---|---|---|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |

## E. PENGESAHAN

Adalah saya ..... dengan ini mengesahkan segala keterangan yang diberikan/dikemukakan bagi produk di atas adalah benar. Jika saya didapati membuat pengakuan **PALSU,** maka tindakan seterusnya boleh diambil oleh pihak JKR ke atas diri dan syarikat diwakili oleh saya.

Cop Syarikat :

Tandatangan :

Nama :

Jawatan :

Tarikh :

## F. ULASAN (*Untuk Kegunaan Pejabat)*