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| CIRCUIT BREAKER TIMING TESTGeneral Data and Information:  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **CB Type :** | Motor Spring |  | **Manufacture :** | HYUNDAI | | **Rated Voltage:** | 145 kV rms |  | **Rated Current:** | 1600 A rms | | **CB Serial no.:** | D01-105 |  | **Ambient temp.:** | 25° C |  Supply voltage for Opening and Closing:  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Serial no.** | **Control Voltage**  **D.C (V)** | **Control Current**  **D.C (A)** | **Time (msec)** | | | **Pole**  **Discrepancy**  **(msec)** | | **R** | **Y** | **B** | | Close | 90 |  |  |  |  |  | | 125 |  |  |  |  |  | | 140 |  |  |  |  |  | | Trip Coil - 1 | 70 |  |  |  |  |  | | 125 |  |  |  |  |  | | 140 |  |  |  |  |  | | Trip Coil – 2 | 70 |  |  |  |  |  | | 125 |  |  |  |  |  | | 140 |  |  |  |  |  | | Close–Open–1 (C-O1) | 125 |  |  |  |  |  | | Close–Open–2 (C-O2) | 125 |  |  |  |  |  | | Re-closing O-C-O1 | 125 |  |  |  |  |  | | Re-closing O-C-O2 | 125 |  |  |  |  |  |   **According to IEC 62271-100 :**  **Acceptance Criteria (spec) are limited for Rated Condition only :**  **- Closing time**: 86 ± 10% ms **- Closing Current:** 15 A (Max)  **- Opening time:** 24 ±10% ms **- Opening Current:** 15 A (Max)  **Pole discrepancy:**  **- Closing**: ¼ cycle (4.2 ms) (Max) |