CORRIGENDUM 1

Page 2

CONTENTS
Add, on page 6, after Table 3, the following new Table 3a:
Table 3a – Classification of disconnectors for mechanical endurance

Pages 10 and 11

1.2 Normative references
Delete reference to:
IEC 61128, IEC 61129 and IEC 61259.

Page 17

Definition 3.7.121, NOTE 3
Instead of:
NOTE 3 The terminal loads as defined in the following subclauses do not usually apply to enclosed switchgear.
read:
NOTE 3 The terminal loads as defined here do not usually apply to enclosed switchgear.

Definition 3.7.122
Instead of:
bias transfer current switching
read:
bus-transfer current switching

Same change applicable throughout this standard.
4.103  Rated mechanical terminal load

On page 21, last paragraph, instead of:
“…the terminal above the top of the insulator as well as additional…”

read:
“…the terminal above the top of the insulator as well as additional…”

Remove the note.

4.106  Rated values of mechanical endurance for disconnectors

On page 22, on the top of the page, instead of:

Garry. My suggested layout

<table>
<thead>
<tr>
<th>Class</th>
<th>Type of disconnector</th>
<th>Number of operating cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0</td>
<td>Standard disconnector (normal mechanical endurance)</td>
<td>1 000</td>
</tr>
<tr>
<td>M1</td>
<td>Disconnector intended for use with a circuit-breaker of equal class (extended mechanical endurance)</td>
<td>2 000</td>
</tr>
<tr>
<td>M2</td>
<td>Disconnector intended for use with a circuit-breaker of equal class (extended mechanical endurance)</td>
<td>10 000</td>
</tr>
</tbody>
</table>

Original layout

<table>
<thead>
<tr>
<th>Standard disconnector (normal mechanical endurance)</th>
<th>class M0</th>
<th>1 000 operating cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disconnector intended for use with a circuit-breakers of equal class (extended mechanical endurance)</td>
<td>class M1</td>
<td>2 000 operating cycles</td>
</tr>
<tr>
<td>Disconnector intended for use with a circuit-breaker of equal class (extended mechanical endurance)</td>
<td>class M2</td>
<td>10 000 operating cycles</td>
</tr>
</tbody>
</table>

read:

Table 3a – Classification of disconnectors for mechanical endurance

<table>
<thead>
<tr>
<th>Class</th>
<th>Type of disconnector</th>
<th>Number of operating cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0</td>
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<tr>
<td>M2</td>
<td>Disconnector intended for use with a circuit-breaker of equal class (extended mechanical endurance)</td>
<td>10 000</td>
</tr>
</tbody>
</table>
5.18 Electromagnetic compatibility (EMC)

Instead of:
Subclause 5.18 of IEC 60694 is applicable with the following addition:
read:
Subclause 5.18 of IEC 60694 is applicable.

6.1.1 Grouping of tests

Under Optional type tests, first dash, instead of:
– tests to prove the short-circuit making capacity of earthing switches (6.101);
read:
– tests to prove the short-circuit making performance of earthing switches (6.101);

and, third dash, instead of:
– tests to prove satisfactory operation at minimum and maximum ambient air temperatures (6.104);
read:
– tests to prove satisfactory operation at temperature limits (6.104);

On page 28, last dash of this subclause, instead of:
– tests to prove the bus-charging current switching capability of disconnectors used in metal enclosed switchgear (6.106 and annex F).
read:
– tests to prove the bus-charging current switching ability of disconnectors used in metal enclosed switchgear (6.108 and annex F).

6.2.4 Criteria to pass the test

Item b), third paragraph, last sentence, instead of:
If punctures of non-self-restoring insulation are observed, the circuit-breaker shall be considered to have failed the test.

read:
If punctures of non-self-restoring insulation are observed, the disconnector or earthing switch shall be considered to have failed the test.

NOTE 2

Instead of:
NOTE 2 For GIS disconnectors or earthing switches tested with test bushings which are not part of the circuit-breaker, flashover....

read:
NOTE 2 For GIS disconnectors or earthing switches tested with test bushings which are not part of the disconnector or earthing switch, flashover....
6.104 Operation at the temperature limits

On page 40, the last word of the sixth line on the top of the page, instead of:

…. bemade.

read:

..... be made.

Page 40

6.105 Test to verify the proper functioning of the position-indicating device

Instead of:

6.105 Test to verify the proper functioning of the position-indicating device

These tests apply when a position-indicating device ...

read:

6.105 Tests to verify the proper functioning of the position indicating device

These tests apply when a position indicating device ...

Page 52

Third paragraph, last sentence

Instead of:

Flexible conductors used shall have a diameter of 32 mm ± %.

read:

Flexible conductors used shall have a diameter of 32 mm ± 10 %.

Page 56

Annex A

Title of Annex A and throughout the annex

Instead of:

position-indicating

read:

position indicating
Figure C.2 – Test circuits for electrostatically induced current making and breaking tests

Equation for \( C_2 \)

Instead of:
\[
C_2 = C_1 \times \left[ \frac{\mu_s}{\mu_i} - 1 \right]
\]

read:
\[
C_2 = C_1 \times \left[ \frac{\mu_C}{\mu_R} - 1 \right]
\]

Page 83

Annex F

Throughout this annex

Instead of:
bus charging current
read:
bus-charging

Page 87

Figure F.3 – Test circuit for test duty 2

Instead of:
\( C_2 \)
read:
\( C_L \)

April 2002