

**Interpretation Sheet 3****EN 60898-1:2003**

English version

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**Foreword**

This Interpretation Sheet to the European Standard EN 60898-1:2003 was prepared by the Interpretation Panel of the Technical Committee CENELEC TC 23E, Circuit breakers and similar devices for household and similar applications. The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC on 2007-05-07.

**Subclause 9.10.2.1**

*For the upper values of the test current, the test is made at rated voltage  $U_n$  (phase to neutral) with a power factor between 0,95 and 1.*

*The sequence of operation is*

*O-t-CO-t-CO-t-CO*

*The interval  $t$  being as defined in 9.12.11.1.*

*The tripping time of the O operation is measured.*

*After each operation the indicating means shall show the open position of the contacts.*

**Question:**

In 9.10, there is a reference to the requirements of 8.6.1, where according to Table 7 (Time-current operating characteristics), the test shall be performed without previous loading, at the reference calibration temperature (30 °C).

Is it allowed to perform the test at ambient temperature?

**Interpretation:**

Yes, it will be allowed to perform the test at ambient temperature instead of the reference temperature. The ambient temperature has no direct influence on the instantaneous tripping of MCB's (Magnetic coil only).