

CTL DECISION SHEET

Standard: IEC 61558-1/1997 A1/1998	Sub clause: 3.1.9.1 3.1.11 15.3 – 15.5 – 27.3	Sheet N°: 589/06 Page: 1 (1)
Subject: Heat and fire protection	Key words: - Non-inherently short circuit - Proof transformer - Fail-safe transform.	Meeting: Decision confirmed at 44 th CTL meeting
<p>Question: Can a small built-in transformer with integrated thermal cut-out (not replaceable) be considered as non-inherently short circuit proof transformer (3.1.9.1) and as fail-safe transformer (3.1.11)? If so, can the overload test be done according to 15.3 and 15.5? Both tests are to be performed on separate models.</p> <p>Decision: Yes, such transformers can be considered as fail-safe transformers if a thermal link is used in the input circuit. It doesn't matter whether the input circuit is interrupted by the transformer itself or by a built-in thermal link that is not replaceable.</p> <p>Explanatory notes: --</p>		