DOCUMENT CHANGE REQUEST

DCR number 1561	Changes required for: General	Originator: Steve Thacker	
Date: 2023/04/03	Date sent: 2023/03/17	Organisation: ESCC Executive Secretariat	
Status: IMPLEMENTED			

Title:	Switches Thermostatic Bimetallic SPDT Opening Contact		
Number:	3702/001	Issue:	9

Other documents affected:

3702/002-2

Page:

3702/001: page 8
&
3702/002: page 9

Paragraph:

1.5

Original wording:

as per current specification above

Proposed wording:

Add a new rating characteristic to the Maximum Ratings table in both specifications, as detailed in the attached specification mark-ups.
i.e.
Para. 1.5 Table: Add rating ‘Temperature Gradient’ : 0.33°C/minute maximum: with remark: “Only applies between T3 and T2; see Notes 2, 3”

With new notes 2 & 3:
2. The minimum permitted temperature gradient applied to the component between T3 and T2 shall be as specified (see the Generic Specification for definition of T2 and T3).

3. In order for the component to meet the thermal characteristics specified in Para. 2.x, the maximum temperature gradient applied to the component between T3 and T2 shall be: 1°C/minute (see the Generic Specification for definition of T2 and T3).

Justification:

This DCR is raised on behalf of Manufacturer COMEPA.

The minimum Temperature Gradient rating is added in order to indicate to users the risk of damage/degradation to the component if operated without a sufficient temperature gradient when switching; i.e. 0.33°C/minute.

The maximum Temperature Gradient requirement is included to indicate to users that the component will only meet the

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specified thermal characteristic limits when operated with a maximum temperature gradient of 1°C/minute.

Attachments:

escc3702001iss_draft9a_in_review.docx, escc3702002iss_draft3a_in_review.docx

Modifications:

N/A

Approval signature:

Date signed:

2023-04-03