

Specification for

Electro-magnetic indicators for extra low voltage aircraft systems

UDC 629.13.056

Confirmed January 2009

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Foreword

Warning lights as indicators of the condition of electrical circuits tend to confuse the pilot, particularly when they remain illuminated: this British Standard provides an alternative in the form of a magnetic indicator which can give a continued indication of the maintenance of a certain condition in a circuit without irritation to the pilot.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 3 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been approved by the Aircraft Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 6 September 1951

© BSI 02-2000

ISBN 0 580 34525 4

Amendments issued since publication

Amd. No.	Date of issue	Comments
1273	September 1951	Indicated by a sideline in the margin

Contents

	Page
Foreword	Inside front cover
Section 1. General requirements	
1 Scope	1
2 Construction — General	1
Section 2. Design requirements	
3 Operation	1
4 Presentation	1
5 Operating voltage	1
6 Temperature rise	1
7 Vibration, acceleration and climatic proofing	1
8 Magnetic interference	2
9 Marking	2
Section 3. Tests	
10 General	2
A. Type test	
11 Vibration test	2
12 Acceleration test	2
13 Climatic proofing	2
14 Functioning tests	2
15 Compass safe distance	2
16 Endurance test	2
17 Temperature rise test	2
18 High voltage and insulation resistance tests	3
B. Type test	
19 Functioning test	3
20 High voltage and insulation resistance tests	3
Figure 1 — Holes in panel	1