



GS38 Fused Test Lead

Instruction Leaflet

RS stock no. 816-029

Prior to use

1. Check for mechanical damage including condition of flexible cables and correct shrouding of probe tip and crocodile clip ie. not more than 2mm of exposed metal.
2. Check for continuity (of crucial importance when a multimeter or other instrument is used for the measurement of voltage).
3. The fuse must be of the correct type and rating for the job. The fuses fitted are HRC, 450V, 500mA rated, and the resistance of each lead is approximately 3Ω when fitted with this fuse (for a suitable replacement fuse, use RS stock no. 255-941).

General

1. Protect leads from damage, e.g. abrasion and cuts.
2. Leads should be inspected and tested on a regular basis during their life to ensure that the integrity of the insulation and continuity has not been compromised.

Technical specification

Working voltage: _____ 450V a.c. r.m.s. or d.c., d.c. to 100Hz.
 Max. current: _____ 500mA as defined by fuse specifications.
 Cable: _____ Double insulated silicone rubber sheathed
 with contrasting yellow wear indicating layer.
 Spare fuses: _____ Recommended replacement fuse
 RS stock no. 255-941, 500mA,
 450V, HRC fuses.
 Environmental: _____ -indoor use.
 _____ -altitude up to 2000m.
 _____ -maximum relative humidity 80%
 RH for temperature up to 31°C, decreasing
 linearly to 50% RH at 40°C.
 IEC 1010-2: _____ Installation category III at 450V a.c. r.m.s. or d.c. pollution degree II.

Health and Safety at Work Act 1974

The leads are for use by trained personnel within the limits of the safety rules applicable to electrical apparatus. 'Electricians need to avoid the danger of electrical shock and burns by their training, technical knowledge and skill, ie. their competence to work safely combined with their use of safe test equipment'.

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