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Victor

CE 2813

Making Hazardous Environments Work

TYPE 3RTPA 500AMP 3.3KV MAX. RESTRAINED FLAMEPROOF TEST PLUG

Certification number Baseefa02ATEX0134U I M2 EExd I
For India only – The Test Plug has been designed in accordance with IS/IEC 60079-0:2004 and IS/IEC 60079-1:2007. Test report number CIMFR/TC/C/H272.

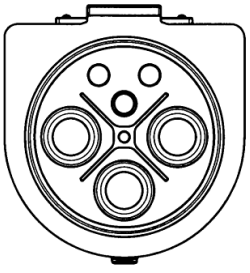
NAMEPLATE DETAIL

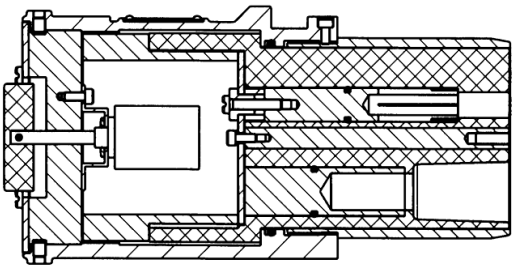
General

This Test Plug is designed in accordance with EN50014: 1997 and EN50018: 2000. It can be associated with any of the following certified connectors for flameproof equipment. It provides a simple and safe means of checking the correct operation of remote control circuits to BS3101 (P130), and BZ1 type circuits, where no such test provision in included in the gate end box.

The Test Plug unit Type 3RTPA is fitted with 3 main tubes, 1 pilot tube and 2 auxiliary tubes and can be associated with the following Sockets:

Sockets:	Type No's 3OS, 3RS, 3LS & 3DS	Certificate no. HSE(M)905041U
	Type No's 53OS, 53RS, 53LS, & 53DS	Certificate no. MECS92C5504U
	Type No's 53OSA, 53RSA, 53LSA & 53DSA	Certificate no Baseefa02ATEX0131U





INSULATOR SHOWN IN 1100 VOLT MODE

Item number 124936
January 2024

Operation

A skilled electrician in accordance with the instructions supplied below should operate this test plug.

Ensure that test plug is set in the correct voltage mode. With this dual voltage test plug, if the alternative mode (see Fig 1) is required, it can be dismantled, with the insulator rotated through 180^{o} and the unit re-assembled.

Switch the test plug to the `OFF' (O) position. (The rotary switch is mounted in the rear of the test plug).

Ensure that when the test plug is connected for use with its mating approved socket, it is fully engaged.

Note The test plug is fully engaged with the socket, when the reversible handle on the socket is wound fully home, thus ensuring full engagement of the contacts.

With the test plug fully engaged the rotary switch should be turned clockwise to the `START' (S) position, passing through the `RUN' (R) position. Passing through `RUN' position momentarily connects the 30ohm resistance, which is a requirement for BZ1 circuits.

With the switch in the `START' position the contractor in the gate end box will energise.

When the switch is released it will automatically return to the `RUN' position. In this position the 30ohm resistance is permanently in circuit.

When the switch is rotated anti-clockwise to the `OFF' (O) position, the contactor in the gate end box will de-energise.

Maintenance and Disposal

If the unit is being serviced, the relevant code of practice should be observed, and no modification should be carried out without the agreement of Victor Products Ltd.

Servicing should only be carried out after the unit has been disconnected from the power supply.

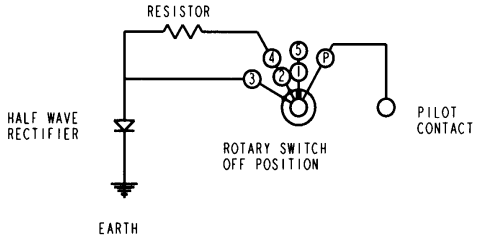
During servicing ensure that all flameproof paths can be obtained from Victor Products Ltd.

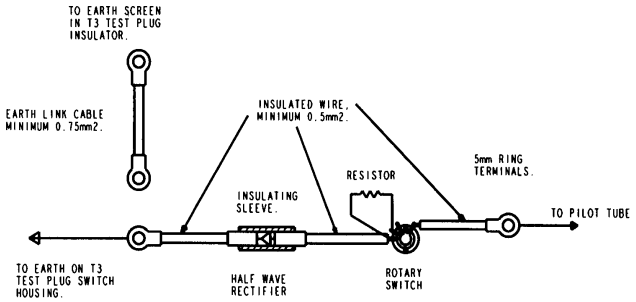
Routine Check of Switch Positions

With the rotary switch in the `OFF' position there should be an open circuit between the pilot contact and earth. The switch should then be rotated to the `RUN' position, which should introduce a resistance in the pilot/earth circuit.

When the rotary switch is then turned to the `START' position, the resistance of the circuit should reduce.

No specified values of resistance can be given since the resistance varies significantly with the test current, which is dependant on the measuring instrument being used.
The rectifier in this unit is connected positive earth, therefore correct orientation of the measuring instrument leads is important if incorrect readings are to be avoided.





SWITCH OPERATING SEQUENCE.

WIRING DIAGRAM.

POSITION OPERATION

1. OFF.
2. CONTACT BRIDGES PILOT TO RESISTOR. RECTIFIER CONNECTED TO EARTH.
3. CONTACT BRIDGES PILOT TO RECTIFIER. (SHORT CIRCUITS RESISTOR).
4. ON RELEASE AUTOMATIC RETURN TO POSITION 2. CONTACT BRIDGES PILOT TO RESISTOR. RECTIFIER CONNECTED TO EARTH.
5. OFF.

Maintenance and Inspection

It should be noted that the original manufacturer must supply all components that are to be replaced. Failure to use such components invalidates the certification and approval and may make the apparatus dangerous. NO modifications should be made to the apparatus without the knowledge and approval of the manufacturer. If in doubt, refer to the manufacturer. A copy of the Spare Parts List is available from Victor Products Ltd.

Before re-assembly ensure that all flameproof paths are visually inspected and dimensionally checked for any abnormality.

HEALTH AND SAFETY AT WORK etc. ACT 1974

In the United Kingdom all equipment must be installed, operated and disposed of (as required) within the legislative requirements of the Health and Safety at Work etc. Act 1974. Leaflet No. HSS L1 refers to the Company's obligation and is available on request.
It is the responsibility of the user to select, install, operate and maintain the equipment in accordance with the relevant legislation and appropriate code of practice.

EU Only

Prices and design are subject to alteration without notice. All products are sold subject to our conditions of sale, copies of which are available on request.

We reserve the right to change characteristics of our products. All data is for guidance only

Attestation of Conformity
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Konformitätsbescheinigung

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United Kingdom

TYPE 3RTPA 500AMP 3.3KV MAX. RESTRAINED FLAMEPROOF TEST PLUG
Certification number Baseefa02ATEX0134U I M2 EExd I

Victor Products Ltd
Hereby declare our sole responsibility that the product which is the subject of this attestation is in conformity with the following standards or normative documents.

Erklären in alleiniger Verantwortung, daβ das Product auf das sich diese Bescheinigung bezieht, mit der/den folgenden Norm(en) oder normativen Dokumenten Ubereinstimmt.

Déclarons de notre seule responsabilité, que le produit auquel cette attestation se rapporte, est conforme aux norme(s) ou aux documents normatifs suivants.

Number and date of standard Nr. Sowie Ausgabedatum der Norm No. Ainsi que date d'emission des normes.	**Directive description** Bestimmungen der Richtlinie Prescription de la directive
EN 50014 (1998) EN 50018 (2000) This equipment has been reviewed against the requirements of EN60079-0: 2018 and EN60079-1: 2014, in respect of the differences from the standards to which this certificate was issued; none of these differences affect this equipment. Dieses Gerät wurde hinsichtlich der Unterschiede zu den Standards, für die dieses Zertifikat ausgestellt wurde, mit den Anforderungen von EN60079-0: 2018 und EN60079-1: 2014 verglichen. Keiner dieser Unterschiede wirkt sich auf dieses Gerät aus. Cet équipement a été passé en revue contre les conditions d'EN60079-0 : 2018 et EN60079-1 : 2014, en ce qui concerne les différences des normes auxquelles ce certificat a été délivré ; aucune de ces différences n'affecte cet équipement.	**Equipment and protective systems intended for use in potentially explosive atmospheres.** This Attestation is valid for directive 2014/34/EU. Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen. Diese Bescheinigung gilt für die Richtlinie 2014/34 /EU. Appareils et systèmes de protection destinés a êtré utilisés en atmosphères explosibles. Cette Attestation est valable pour la directive 2014/34 /UE.
EN50082 (1992) EN55015 (1993) EN 60555-2 (1987)	**89/336 EEC: Electromagnetic Compatability** 89/336 EWG: Elektromagnetische Verträglichkeit 89/336 CEE: Compatabilité électromagnétique
Notified Body: CSA Group Netherlands B.V. Notified Body No. 2813	P. Devlin Operations Manager January 2024

SERIAL NUMBER