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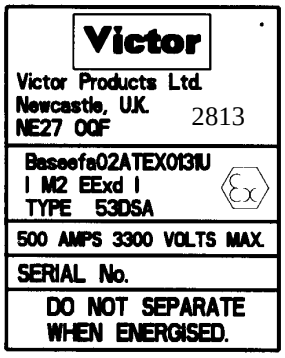
Victor

CE 2813

Making Hazardous Environments Work

500 AMP 3300 VOLTS MAX. RESTRAINED FLAMEPROOF SOCKETS TYPES 53DSA, 53OSA, 53RSA AND 53LSA

Certification number Baseefa02ATEX0131U I M2 EExd I



NAMEPLATE DETAILS

General

The restrained sockets Types, 53DSA, 53OSA, 53RSA and 53LSA are designed in accordance with EN50014:1997 and EN50018: 2000 with the interface flange complying dimensionally with BS5620. They can be associated with any 'd' flameproof enclosure that has an interface complying dimensionally with BS5620 and certified to EN50018, or BS5501, or BS4683, or BS229. These sockets can also be associated with any certified double flanged socket having a mounting flange and spigot interface complying dimensionally with BS5620.

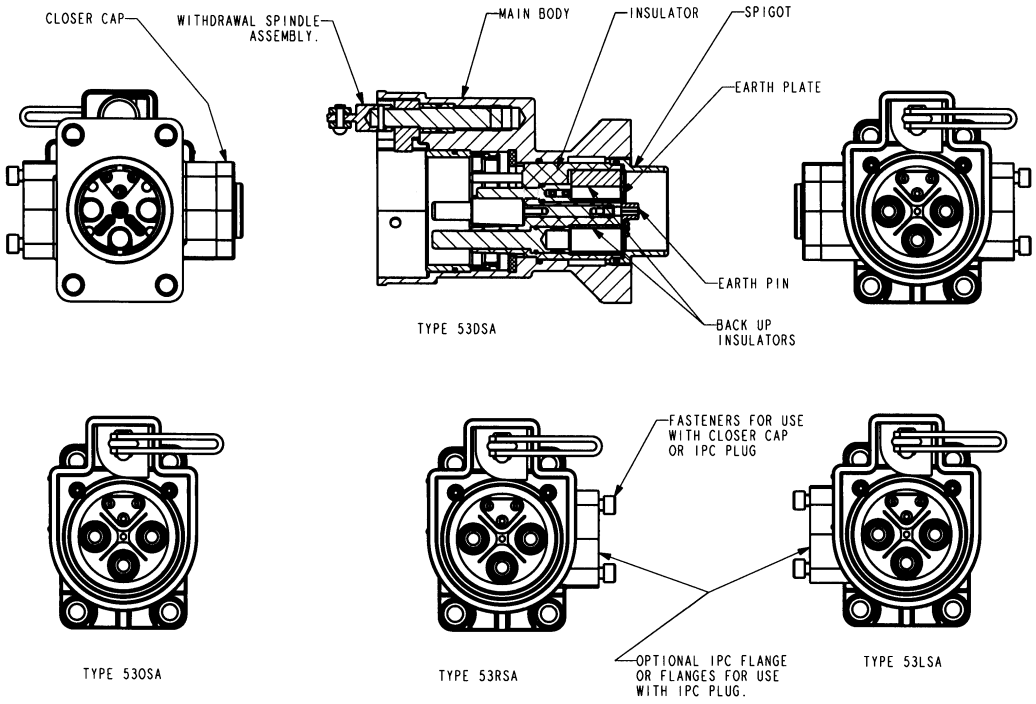
All sockets have 3 – 9mm diameter padlock holes around the enclosure. The 2 angular holes are to be used for the fitting of a padlock to prevent the insertion of a plug, whilst the hole adjacent to the withdrawal spindle is for the fitting of a padlock to prevent the removal of the withdrawal spindle assembly.

The Type 53DSA, 53OSA, 53RSA and 53LSA Restrained sockets can be associated with the following Restrained plugs:

Type 30PA	Certificate Baseefa02ATEX0132U
Type 30P	Certificate HSE(M)90B5040U.

In addition, the sockets with an integral IPC spigot may be associated with the following accessories:

IPC Plug Type 63	Certificate HSE(M)90(B)5038U
IPC Plug Type A63	Certificate Baseefa02ATEX0126U
Blanking Covers with or)	Certificate HSE(M)90(B)5038U
without rectifiers)	Certificate MECS02ATEX5084U



Socket shown in conventional 1100 volt mode.

Installation – all.

1. Suitably qualified personnel in accordance with established codes of practice must carry out the installation, maintenance, and inspection.

2. Restrained sockets are for use only with electrical interlock.

3. Ensure that the rated voltage and current are compatible with the power supply and load requirements. To assist in using circuits with different voltages, the insulator can be rotated through 180°. This rotation prevents the insertion of a plug into the coupler when voltage restrictions are applied.

4. Using suitable tooling, taking care not to damage the FLP spigot, unscrew the spigot from the socket body and withdraw the socket insulator assembly.

5. The earth plate, backup insulators and contact pins can now be removed from the insulator. There may be a slight resistance due to the interference of the o’rings within the insulator.

6. Pass the conductors through the spigot and the holes in the earth plate ensuring that they are correctly orientated for assembly into the socket after cable make off.

7. The insulation on each of the conductors should be removed to suit the depth of the hole in the contact pins. The contact pins are either crimped or fitted with socket head setscrews. If crimped pins are fitted they should be crimped using the recommended die sets in table 1, alternatively, tighten the socket head set screws. Information on alternative diesets is available from the manufacturer.

8. Any screening can be clamped under the 2 clamp plates on the earth plate.

Description	Victor Ref. No.	Type No.	Conductor size.
Crimping Tool	MC003000	HT45-E	
Die Set	MC003001	ME19	95mm2
Die Set	MC003002	ME17	70mm & 50mm2
Die Set	MC003007	ME29	120mm2
Die Set	MC003008	ME9	35mm2

Ensure that when the plugs are connected for use with their mating approved sockets, that they are fully engaged. Restrained plugs are fully engaged with their sockets when the handle on the socket is wound fully home.

Accessories

A Closer Cap must be fitted to the IPC flange when an IPC plug is not fitted.

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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Certification number Baseefa02ATEX0131U 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