



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment or Protective System  
Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa02ATEX0131U**

4 Component: **Type 53DSA Restrained Socket**

5 Manufacturer: **Victor Products Ltd.**

6 Address: **New York Way, New York Industrial Park, Newcastle-upon-Tyne,  
NE27 0QF**

7 This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. Notified body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **02(C)0248**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 50014: 1997 + Amendments 1 and 2**  
**EN 50018: 2000**

except in respect of those requirements listed at item 18 of the Schedule.

10 The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified Component. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

12 The marking of the component shall include the following :

**(Ex) I M 2 EEx d I**

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. **1186**

Project File No. **02/0248**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**Baseefa (2001) Ltd.**

Health and Safety Laboratory Site, Harpur Hill,  
Buxton, Derbyshire SK17 9JN

Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216  
e-mail [info@baseefa2001.biz](mailto:info@baseefa2001.biz) web site [www.baseefa2001.biz](http://www.baseefa2001.biz)  
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,  
Derbyshire, SK17 9BJ

RS R S SINCLAIR  
DIRECTOR  
On behalf of  
Baseefa (2001) Ltd.



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## Schedule

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Certificate Number Baseefa02ATEX0131U

### 15 Description of Component

**Type 53DSA Restrained Socket**, rated at up to 500A, 1100V/3300V. The socket comprises a brass and gunmetal enclosure, incorporating an insulator assembly with three main contact pins, one pilot circuit contact pin, two auxiliary circuit contact pins and earth contacts.

The body has two facings for a bolt-on I.P.C. connector as Baseefa02ATEX0126U.

Optionally, the I.P.C. connector may be replaced by a blanking cover with or without a rectifier.

The power and pilot contact pins are fitted with grub screws for cable core connection.

The I.P.C cable is terminated by soldering.

The contact pin assembly may be set in the 1100V or the 3300V mode.

The socket is assembled with 'O'-ring seals.

One end of the socket is for association with a plug as Baseefa02ATEX0132U or any plug suitably certified for Group I use in accordance with EN 50014 and EN 50018, having a flameproof interface as BS 5620. The other end of the socket has a facing for mounting to a suitable, flameproof, enclosure.

The socket body is provided with holes for a padlock.

#### VARIATION 0.1

Alternative materials and grades used for the various parts of the unit.

#### VARIATION 0.2

Alternative power and contact pins for crimped cable core connectors.

#### VARIATION 0.3

Alternative main insulator material.

#### VARIATION 0.4

Alternative body design with no facings for I.P.C connectors, with a left hand facing only or a right hand facing only, the three units so formed are designated respectively as:-

TYPE 53OSA RESTRAINED SOCKET

TYPE 53LSA RESTRAINED SOCKET

TYPE 53RSA RESTRAINED SOCKET

### 16 Report Number

02(C)0248

### 17 Schedule of Limitations

None

### 18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.



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**19 Drawings and Documents**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
CA181 Sheets 1 to 4	1	31.01.02	Range of Restrained Connectors (including Type 53OSA Restrained Socket and Type 3OPA Restrained Plug), 500A, 3300V (max.)

These drawings are common to Baseefa02ATEX0132U.



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Component Intended for use on/in an Equipment**  
**Intended for use in Potentially Explosive Atmospheres - Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa02ATEX0131U/1**

4 Component: **Type 53DSA Restrained Socket**

5 Manufacturer: **Victor Products Limited**

6 Address: **New York Way, New York Industrial Estate, Newcastle-upon-Tyne,  
Tyne & Wear, NE27 0QF**

7 This supplementary certificate extends EC - Type Examination Certificate No. Baseefa02ATEX0131U to apply to components designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.



Baseefa Customer Reference No. **1186**

Project File No. **12/0472**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**Baseefa**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa Ltd  
Registered in England No. 4305578. Registered address as above.

  
P R S SINCLAIR   
DIRECTOR  
On behalf of  
Baseefa



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## Schedule

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Certificate Number Baseefa02ATEX0131U/1

15 Description of the variation to the Component

### Variation 1.1

Amended design for the associated Type 30PA Restrained Plug, as Baseefa02ATEX0132U/2, to allow the fitting of a threaded cable entry device.

16 Report Number

None

17 Schedule of Limitations

None

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheets	Issue	Date	Description
CA181*	1-5	2	10/5/12	Type 53DSA and Type 30PA Range of Restrained Connectors, 500A, 3300V (max)
CA181*	6	1	10/5/12	Alternative Cable Glands -Type 30PA/G Range of Bolted Plugs

\* These drawings are common to Baseefa02ATEX0131U and Baseefa02ATEX0132U and are held with the former.