



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: **Baseefa02ATEX0104U**
- 4 Component: **Type A42SR Restrained Socket**
- 5 Manufacturer: **VICTOR PRODUCTS LIMITED**
- 6 Address: **New York Way, New York Industrial Park, Newcastle-upon-Tyne,
NE27 0QF**

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)0246**

- 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. **02/0246**

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 web site www.baseefa2001.biz
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,
Derbyshire, SK17 9BJ

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



Schedule

13 Description of Component

Type A42SR Restrained Socket, rated at up to 250A, 1300V. The plug comprises a brass and gunmetal enclosure, incorporating a cable gland assembly, an insulator assembly with three main contact pins, one pilot circuit contact pin and an earth contact.

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

One end of the socket is for association with a plug as Baseefa02ATEX0103U 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 method of retention of fixing screw shrouds.

VARIATION 0.5

Alternative designs of socket withdrawal mechanism.

VARIATION 0.6

Use of a closer cap instead of an associated plug.

VARIATION 0.7

Alternative body with a facing for a bolt-on I.P.C. connector as MECS01ATEX5399U, to form the TYPE 41SR/A RESTRAINED SOCKET with twin insulated I.P.C. terminations.

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

VARIATION 0.8

Alternative socket body with the addition of a key and keyway, ensuring non-interchangeability, to form the :-
TYPE A42SR/B RESTRAINED SOCKET.

VARIATION 0.9

Alternative socket body profile and an alternative insulator assembly incorporating three auxiliary contact pins instead of the pilot contact pin to form the:-

TYPE A42SR/C RESTRAINED SOCKET.

VARIATION 0.10

Alternative insulator clamp incorporating an extension for attaching an earth lead. With this alternative and the use of crimped cable core connections only, the sockets are designated as:-

TYPE A42SR/E RESTRAINED SOCKET

(When based on the Type A42SR Restrained Socket, as above)



or,
TYPE A42SR/AE RESTRAINED SOCKET
(When based on the Type A42SR/A Restrained Socket, as above)

or,
TYPE A42SR/BE RESTRAINED SOCKET
(When based on the Type A42SR/B Restrained Socket, as above)

or,
TYPE A42SR/CE RESTRAINED SOCKET
(When based on the Type A42SR/C Restrained Socket, as above)

VARIATION 0.11

Alternative mounting flange centres, not in accordance with BS5620, the sockets are designated as:-

TYPE A42SR/DE RESTRAINED SOCKET
(When based on the A42SR/E Type Restrained Socket, as above)

TYPE A42SR/EE RESTRAINED SOCKET
(When based on the Type A42SR/AE Restrained Socket, as above)

TYPE A42SR/FE RESTRAINED SOCKET
(When based on the Type A42SR/BE Restrained Socket, as above)

TYPE A42SR/GE RESTRAINED SOCKET
(When based on the Type A42SR/CE Restrained Socket, as above)

14 Report Number

02(C)0246

15 Schedule of Limitations

Each and every socket covered by Variations 0.9, 0.10 and 0.11 above may be alternatively marked

 I M2

EEx d e I

Each and every socket with these variations and marking must be subjected to a dielectric test in order to comply with the requirements of Clause 7.2 of EN50019: 2000.

16 Essential Health and Safety Requirements

None additional to those covered by the standards listed at item 9

Drawings and Documents

Number	Issue	Date	Description
CA183 Sheets 1-6*	1	18.04.02	Type A42 250A , 1300V Range of Restrained Connectors

*These drawings are common to Baseefa02ATEX0103U