



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX CML 20.0151X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2021-06-30
Applicant: **BEKA Associates Limited**
Old Charlton Road
Hitchin
Herts
SG5 2DA
United Kingdom
Equipment: **Pageant BA3901 4 Way Power Terminal Accessory**
Optional accessory:
Type of Protection: **Intrinsic safety**
Marking: Ex ia IIC T4 Ga
Tamb: -40°C to +65°C

Approved for issue on behalf of the IECEx
Certification Body:

A Snowdon MIET

Position:

Assistant Certification Manager

Signature:
(for printed version)

A Snowdon

Date:

2021-06-30

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Eurofins E&E CML Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





IECEX Certificate of Conformity

Certificate No.: **IECEX CML 20.0151X**

Page 2 of 3

Date of issue: 2021-06-30

Issue No: 0

Manufacturer: **BEKA Associates Limited**
Old Charlton Road
Hitchin
Herts
SG5 2DA
United Kingdom

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/CML/ExTR20.0216/00](#)

Quality Assessment Report:

[GB/ITS/QAR06.0002/08](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX CML 20.0151X**

Page 3 of 3

Date of issue: 2021-06-30

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Pageant BA3901 4 Way Power Terminal Accessory, has a four way input to a single output through a multicore cable or separate twisted pairs.

Refer to certificate annex for full description.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Refer to Annex for Specific Conditions of Use.

Annex:

[Certificate Annex IECEx CML 20.0151X Iss. 0.pdf](#)

Annexe to: IECEx CML 20.0151X, Issue 0
Applicant: BEKA associates Ltd
Apparatus: Pageant BA3901 4 Way Power Terminal Accessory

Description

The Pageant BA3901 4 Way Power Terminal Accessory, has a four way input to a single output through a multicore cable or separate twisted pairs. It is to be used in conjunction with other apparatus to protect the supply lines from reverse voltages.

The equipment has the following safety description:

Input terminals TB200 to TB203

$U_i = 12.4 \text{ V}$
 $I_i = 0.67 \text{ A}$
 $P_i = 1.36 \text{ W}$
 $C_i = 0$
 $L_i = 0$

Output terminal PL200

$U_o = 12.4 \text{ V}$
 $I_o = 2.680 \text{ A}$
 $P_o = 5.44 \text{ W}$
 $C_o =$
 $L_o =$

SEE NOTE	$C_o =$	$L_o =$
I/A	$30\mu\text{F}$	$39.6\mu\text{H}$
I/B	$7.9\mu\text{F}$	$19.8\mu\text{H}$
I/C	$1.24\mu\text{F}$	$4.95\mu\text{H}$
III	$7.9\mu\text{F}$	$19.8\mu\text{H}$

NOTE - The above load parameters apply when one of the two conditions below is met:

- the total L_i of the external circuit (excluding the cable) is $< 1\%$ of the L_o value or
- the total C_i of the external circuit (excluding the cable) is $< 1\%$ of the C_o value.

If neither of the above conditions are met, the load parameters are both reduced by 50%.

Additionally, the reduced capacitance of the external circuit (including cable) shall not be greater than $1\mu\text{F}$ for Groups I/A, I/B, and III, and 600nF for Group I/C.

Unit 1, Newport Business Park
 New Port Road
 Ellesmere Port
 CH65 4LZ

T +44 (0) 151 559 1160
E info@cmllex.com

www.cmllex.com

Company Reg No. 8554022 VAT No. GB163023642



Conditions of Manufacture

None

Specific Conditions of Use

The following conditions relate to safe installation and/or use of the equipment.

- i. Under certain extreme circumstances, the non-metallic parts incorporated in the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore, the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. In addition, the equipment shall only be cleaned with a damp cloth.
- ii. This equipment shall only be used as part of a BEKA Pageant System.