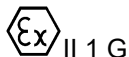




## EU Type Examination Certificate CML 20ATEX2253X Issue 0

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Pageant BA3901 4 Way Power Terminal Accessory**
- 3 Manufacturer **BEKA associates Ltd**
- 4 Address **Old Charlton Road, Hitchin, Herts,  
SG5 2DA, UK**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:  
EN IEC 60079-0:2018 EN 60079-11:2012
- 10 The equipment shall be marked with the following:



II 1 G

Ex ia IIC T4 Ga

Ta = -40°C to +65°C

*A Snowden*

A Snowden  
Assistant Certification Manager

This certificate shall only be copied  
in its entirety and without change

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## 11 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 <sub>i</sub>	=	12.4 V
I <sub>i</sub>	=	0.67 A
P <sub>i</sub>	=	1.36 W
C <sub>i</sub>	=	0
L <sub>i</sub>	=	0

Output terminal PL200

U <sub>o</sub>	=	12.4 V
I <sub>o</sub>	=	2.680 A
P <sub>o</sub>	=	5.44 W
C <sub>o</sub>	=	
L <sub>o</sub>	=	

SEE NOTE	C <sub>o</sub> =	L <sub>o</sub> =
IIA	30μF	39.6μH
IIB	7.9μF	19.8μH
IIC	1.24μF	4.95μH
III	7.9μF	19.8μH

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

- the total L<sub>i</sub> of the external circuit (excluding the cable) is < 1% of the L<sub>o</sub> value or
- the total C<sub>i</sub> of the external circuit (excluding the cable) is < 1% of the C<sub>o</sub> 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 1μF for Groups IIA, IIB, and III, and 600nF for Group IIC.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	30 Jun 2021	R13615A/00	Issue of the prime certificate.

Note: Drawings that describe the equipment or component are listed in the Annex.



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### **13 Conditions of Manufacture**

None

### **14 Specific Conditions of Use (Special Conditions)**

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.

## Certificate Annex

**Certificate Number** CML 20ATEX2253X  
**Equipment** Pageant BA3901 4 Way Power Terminal Accessory  
**Manufacturer** BEKA associates Ltd



The following documents describe the equipment or component defined in this certificate:

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
CI3901-01	1 to 9	1	29 Jun 2021	ATEX & IECEx Certification information for BEKA BA3901 – 4 Way Power Terminal Accessory



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