

EU-Type Examination Certificate



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SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS13ATEX27822X Issue 1

13. Description of Equipment or Protective System

BA390 LED Cluster Lamp is a panel mounting equipment which may be clear or different colours. The equipment comprised two printed circuit boards housed within a plastic enclosure, external connections are made via an integral terminal block. The enclosure provides a degree of protection IP20.

The certificate covers LED Cluster Lamps as follows:

Model No.	Alternate Model No. 1	Alternate Model No. 2	Lamp Colour
BA390 R	LED-Ex1.R	VSI R	Red Lamp
BA390 G	LED-Ex1.G	VSI V	Green Lamp
BA390 A	LED-Ex1.A	VSI J	Amber Lamp
BA390 B	LED-Ex1.B	VSI BL	Blue Lamp
BA390 W	LED-Ex1.W	VSI BN	White Lamp
BA390 S	LED-Ex1.S	VSI S	Special Colour Lamp

For any alternative build a further suffix will be added to identify the equipment build, e.g. BA390 RS1 indicates a Red Lamp and 'Sx' the alternative build.

The intrinsically safe input parameters are:

Explosive Gas Atmosphere Ratings:

$U_i = 30 \text{ V}$
 $I_i = 159 \text{ mA}$
 $P_i = 1.2 \text{ W}$
 $C_i = 0$
 $L_i = 0$

Explosive Dust Atmosphere Ratings:

$U_i = 30 \text{ V}$
 $I_i = 159 \text{ mA}$
 $P_i = 683 \text{ mW}$
 $C_i = 0$
 $L_i = 0$

14. Report Number

Intertek Report Ref G101230529 Issue 1 dated July 2013.
Intertek Report Ref G103529686LHD-001 Issue 1 dated May 2018

15. Special Conditions of Certification

(a). Specific Conditions of Safe Use

- The external parts of the equipment are made of non-metallic materials which may represent an electrostatic charging hazard. The user shall refer to the manufacturer's instructions to ensure that electrostatic charging is avoided.

(b). Conditions of Manufacture -

- None



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