



The BA390 cluster lamps provide reliable cost-effective visual status indication in all hazardous areas. Each BA390 contains a group of high efficiency light emitting diodes mounted behind a coloured diffuser to produce a bright, uniform output with a typical life greater than ten years. All models contain a 20mA current regulator which maintains constant brilliance and provides protection against excess voltages.

ATEX intrinsic safety certification allows BA390 LED cluster lamps to be installed in all gas hazardous areas. Two lamps may be powered from a single IIC intrinsically safe Zener barrier or galvanic isolator and up to four lamps from a IIB device. FM and IECEx approval allows BA390 lamps to be installed in the USA and the increasing number of countries which accept international IECEx certification.

Five well defined colours - red, amber, green, blue and white comply with the indicator light colour requirements specified in IEC204-1, allowing all plant conditions to be annunciated.

IP66 sealing of the lens and the joint between the lamp and the panel makes the BA390 ideal for installations in areas that will be hosed, washed or splashed. When environmental protection behind

the panel is also required, an optional rear sealing assembly is available.

Mounting is via a single industry standard 22.5mm diameter hole. The lamp housing, fixing nut and terminals have a maximum diameter of 30mm which permits a very high packing density on the panel.

To aid identification from the rear of the panel, the model number and suffix which identifies the colour are marked on the lamp body close to the terminals.

The lamp function can be shown on an optional legend plate secured between the lamp and the panel. Plates can be supplied blank or typeset with up to two rows of ten alphanumeric characters.

Reliability is ensured by an ISO9001 approved quality control system supported by a three year guarantee.

Low current Intrinsically safe cluster lamps for use with fieldbus multiple output modules or other low current sources are also available, please refer to the BA390S datasheet.

For safe area installations, please refer to the BA590 datasheet which describes a complementary range of non certified 24V dc and mains powered cluster lamps.



BA390

LED Cluster Lamp

Intrinsically safe for use in all gas hazardous areas

- ◆ Intrinsically safe ATEX, FM & IECEx certification
- ◆ Red, amber, green, blue & white models
- ◆ 20mA constant current
- ◆ IP66 front
- ◆ Barrier or isolator will power two lamps
- ◆ 3 year guarantee



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