Buzzers

19

Selection diagram



Code structure Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.

E6 <u>1</u>IS<u>6A</u>1<u>C</u>V1B



19



Main features

- Buzzer fully integrated in a reduced-size monolithic body
- Protection degree up to IP67 and IP69K
- Continuous sound and pulsed sound versions
- High sound intensity
- 12 Vac/dc or 24 Vac/dc versions

Quality marks:



UL approval: EAC approval: E131787 RU C-IT ДМ94.В.01024

Technical data

General data

Protection degree: Version with perforated lens: Version with perforation-free lens:

Ambient temperature: Tightening torque of the terminal screws: Tightening torque of the fixing ring: Utilization requirements:

Electrical data Cable cross section:

Operating voltage U_n: Supply voltage tolerance: Operating current: Level of sound intensity: IP40 acc. to EN 60529 IP67 acc. to EN 60529 IP69K acc. to ISO 20653 (with shaped ring VE GP12H1A or plate holder VE PT32A00A0) -20 °C ... +70 °C 0.8 ... 1 Nm 2 ... 2.5 Nm See page 139

 $\begin{array}{l} \mbox{min 1 x 0.34 mm^2 (1 x AWG 22)} \\ \mbox{max. 2 x 1.5 mm^2 (2 x AWG 16)} \\ \mbox{12 Vac/dc or 24 Vac/dc} \\ \mbox{\pm} 15\% \mbox{ of } U_n \\ \mbox{10 mA} \\ \mbox{24 Vac/dc versions} \\ \mbox{90 dB at 10cm (perforated lens)} \\ \mbox{80 dB at 10cm (perforated lens)} \\ \mbox{12 Vac/dc versions} \\ \mbox{90 dB at 10cm (perforated lens)} \\ \mbox{70 dB at 10cm ($

0.6 Hz (0.8 s ON, 0.8 s OFF)

Frequency of intermittence (pulsed version):

In compliance with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, UL 508, CSA 22-2 No. 14.

Compliance with the requirements of:

Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU.

Features approved by UL

Ratings: 12 V ac/dc or 24 V ac/dc (Supplied by class 2 or limited energy external power supply source) - E6 xISxAxxxxx "For Use on a Flat - E6 xISxBxxxxx "For Use on a Flat Surface of a Type 1."

Wire range 16-22 AWG The tightening torque of the Terminals Block is 0.8-1.0 Nm

General data

Protection degrees IP67 and IP69K

IP69K IP67 These devices are designed to be used in the toughest environmental conditions and they pass the IP67 immersion test acc. to EN 60529. They can therefore be used in all environments where maximum protection

degree of the housing is required. Due to their special design, these devices are suitable for use in equipment subjected to cleaning with high pressure hot water jets. These devices meet the IP69K test requirements according to ISO 20653 (water jets with 100 bar and a 80°C).

Integrated screw connection

The shape of the type E6 sound indicator, though very compact, allows the integration on the device of all components for proper installation and functioning. All that is required is to wire the device by means of its screw terminals in a quick and intuitive way. There is no need to install further components.



Dimensions



All measures in the drawings are in mm

The E6 buzzer combines compact external dimensions with a high sound intensity, in particular in the versions with perforated lens.

This characteristic makes the signalling clearly noticeable, even at a distance and in noisy environments.

Two sound types

To diff

To diversify the type of indication provided, there are two different types of acoustic warning available: continuous sound or pulsing sound.

Selection table



Minimum distances for installation



→ The 2D and 3D files are available at www.pizzato.com

