



Buzzer BA9s, 18-30V, pulsed tone




Part no. M22-XAMP
Catalog No. 229028
Alternate Catalog No. M22-XAMPQ
EL-Nummer (Norway) 4355448

Delivery program

| | | |
|----------------------------|--|---|
| Product range | | Accessories |
| Basic function accessories | | Buzzer for acoustic device |
| Single unit/Complete unit | | Single unit |
| Description | | 83 dB/10 cm, 18 - 30 mA, positive pole at X1, f = 2300 Hz |
| Function | | Pulsed tone, 24 V DC (+10 %/-15 %) |
| Type of tone | | Pulsed tone |
| For use with | | BA9s base |
| Connection to SmartWire-DT | | no |

Technical data

General

| | | | |
|-------------------------|----|--|-----------------|
| Ambient temperature | | | |
| Open | °C | | -25 - +70 |
| shipping classification | | | DNV GL LR |
| | |    | |

Design verification as per IEC/EN 61439

| | | | |
|--|------------|----|--|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 0 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0.4 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 70 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 10.2.2 Corrosion resistance | | | |
| | | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | | |
| | | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | | |
| | | | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | | | |
| | | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | | |
| | | | Please enquire |
| 10.2.5 Lifting | | | |
| | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | | |
| | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | | |
| | | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | | |
| | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | | |
| | | | Meets the product standard's requirements. |

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| 10.5 Protection against electric shock | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | Is the panel builder's responsibility. |
| 10.9 Insulation properties | | |
| 10.9.2 Power-frequency electric strength | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 7.0

| | | |
|---|----|------------|
| Low-voltage industrial components (EG000017) / Acoustic indicator (EC001026) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Acoustic alarm unit (ecl@ss10.0.1-27-37-12-14 [AKF032014]) | | |
| Type of acoustic signal | | Pulse tone |
| Loudness | dB | 83 |
| Operating voltage at AC 50 Hz | V | 0 - 0 |
| Operating voltage at AC 60 Hz | V | 0 - 0 |
| Operating voltage at DC | V | 24 - 24 |
| Voltage type | | DC |

Approvals

| | | |
|-----------------------------|--|---|
| Product Standards | | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking |
| UL File No. | | E29184 |
| UL Category Control No. | | NKCR |
| CSA File No. | | 012528 |
| CSA Class No. | | 3211-03 |
| North America Certification | | UL listed, CSA certified |

Assets (links)

Declaration of CE Conformity

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