

## Buzzer BA9s, 18-30V, pulsed tone

**Part no.** M22-XAMP  
**229028**  
**EL Number** 4355448  
**(Norway)**

General specifications		
Product name		Eaton Moeller® series M22 Accessory Acoustic indicator
Part no.		M22-XAMP
EAN		4015082290283
Product Length/Depth		30 millimetre
Product height		10 millimetre
Product width		10 millimetre
Product weight		0.014 kilogram
Compliances		CE Marked
Certifications		EN 60947-5 CSA Std. C22.2 No. 14-05 UL 508 IEC 60947-5 CSA UL File No.: E29184 IEC/EN 60947-5 UL CSA-C22.2 No. 14-05 CE CSA File No.: 012528 CSA Class No.: 3211-03 UL Category Control No.: NKCR
Product Tradename		M22
Product Type		Accessory
Product Sub Type		Acoustic indicator
Catalog Notes		Positive pin at X1 f = 2300 Hz
Features & Functions		
Alarm type		Pulsed tone Pulsed tone, 24 V DC (+10 %/-15 %)
Loudness		83 dB
General information		
Degree of protection		NEMA Other
Type		Pulsed tone
Voltage type		DC
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Electrical rating		
Rated operational voltage (Ue) at AC - max		0 V
Rated operational voltage (Ue) at AC - min		0 V
Rated operational voltage (Ue) at DC - max		24 V
Rated operational voltage (Ue) at DC - min		24 V
Communication		
Connection to SmartWire-DT		No
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdiss		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		0.4 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
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.
10.9.2 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 8.0

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
Degree of protection (NEMA)		Other