



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 9.0

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@ss13-27-37-12-14 [AKF032019])		
Type of acoustic signal		Pulse tone
Loudness	dB	83
Operating voltage AC 50 Hz	V	0 - 0
Operating voltage AC 60 Hz	V	0 - 0
Operating voltage DC	V	24 - 24
Voltage type		DC
Degree of protection (NEMA)		Other