



Buzzer BA9s.18-30V DC, continuous tone



Part no. M22-XAM
Catalog No. 229025
Eaton Catalog No. M22-XAMQ
EL-Nummer 4355771
(Norway)

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		Continuous tone, 18 - 30 V DC
Type of tone		Continuous tone
For use with		BA9s base
Connection to SmartWire-DT		no

Technical data

General

Ambient temperature		
Open	°C	-25 - +70

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			
10.2.3.1 Verification of thermal stability of enclosures			
10.2.3.2 Verification of resistance of insulating materials to normal heat			
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			
10.2.4 Resistance to ultra-violet (UV) radiation			
10.2.5 Lifting			
10.2.6 Mechanical impact			
10.2.7 Inscriptions			
10.3 Degree of protection of ASSEMBLIES			
10.4 Clearances and creepage distances			
10.5 Protection against electric shock			
10.6 Incorporation of switching devices and components			
10.7 Internal electrical circuits and connections			
10.8 Connections for external conductors			
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			
10.9.3 Impulse withstand voltage			
10.9.4 Testing of enclosures made of insulating material			
10.10 Temperature rise			

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 6.0

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@ss8.1-27-37-12-14 [AKF032011])			
Type of acoustic signal			Continuous tone
Operating voltage at AC 50 Hz		V	0 - 0
Operating voltage at AC 60 Hz		V	0 - 0
Operating voltage at DC		V	18 - 30
Voltage type			AC/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