## **DATASHEET - AZ-XAA(110-415VAC)**



Shunt release, up to 125A, 110-415V, 1HP

Part no. AZ-XAA(110-415VAC)
Catalog No. 212059
AZ-XAA-110-415VAC-



Similar to illustration

Delivery program	
Basic function	Accessories for miniature circuit-breaker
Basic function accessories	Shunt release
Product range	Accessory
Contact sequence	C1

# **Technical data Electrical**

Electrical			
Voltage range		V AC	12 110 110 415
Voltage range		V DC	12 60 110 220
Rated frequency	f	Hz	50/60
Rated insulation voltage	$U_{i}$	V AC	440
Max. admissible back-up fuse		A gL	
Back-up fuse		A gL	Inherently short-circuit-proof
Lifespan		S	
Mechanical		Operation	ons 4000
Inrush current			
AC		Α	38
Pick up time AC		ms	2.1
DC		Α	34
Duty factor DC		ms	2
Mechanical			
Standard front dimension		mm	45
Enclosure height		mm	90
Mounting width		mm	17.5 (1 space unit)
Mounting			IEC/EN 60715 top-hat rail
Degree of protection			
Integrated			IP40
Switch			IP20
Terminal protection			Protection against electric shock to IEC 536
Terminals			Twin-purpose terminals
Terminal capacities		$\text{mm}^2$	
Solid		mm <sup>2</sup>	1 x (1 - 25) 2 x (1 - 4)
flexible		mm <sup>2</sup>	1 x (1 - 25) 2 x (1 - 4)
Tightening torque of terminal screws		Nm	3

## Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature min.	°C	-5
Operating ambient temperature max.	°C	40

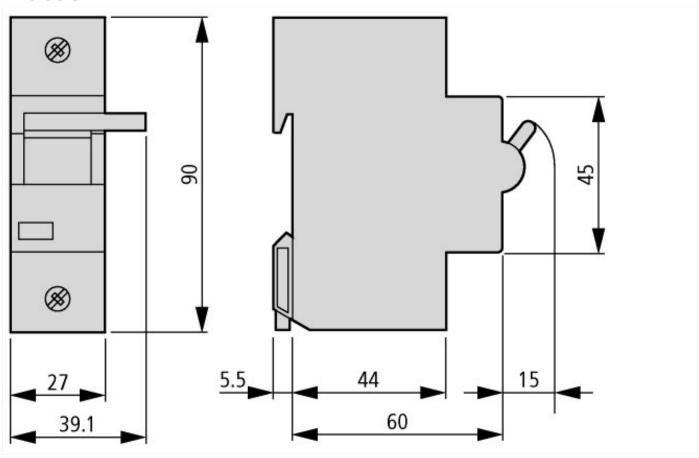
#### **Technical data ETIM 7.0**

Devices for distribution board-/surface mounting (EG000062) / Auxiliary device for distribution board devices (EC001286)

Electric engineering, automation, process control engineering / Electrical installation, device / Breaker switch component / Auxiliary contact unit for distribution board (ec/@ss10.01-27-14-35-02 [AKF377013])

Additional equipment Attached at delivery Assembly width (TE) Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of fault-signal switches O Rated switch current A O Rated voltage V V 415 Voltage type for actuating With auto test for earth leakage function Suitable for max. number of poles main contact unit (total)  Shunt release (for power circuit breaker) No  1 A O AC/DC With auto test for earth leakage function Suitable for max. number of poles main contact unit (total)  Shunt release (for power circuit breaker) No  1 AC/DC No Shunt release (for power circuit breaker) No  1 AC/DC No Shunt release (for power circuit breaker) No	(ecl@ss10.0.1-27-14-35-02 [AKE327013])		
Attached at delivery Assembly width (TE) 1 Number of contacts as normally open contact 1 Number of contacts as normally closed contact 1 Number of contacts as normally closed contact 1 Number of contacts as change-over contact 0 Number of fault-signal switches 0 Rated switch current A 0 Rated voltage V 415 Voltage type for actuating With auto test for earth leakage function Suitable for max. number of poles main contact unit (total)  A ()  A ()	Device fitting		Miniature circuit breaker (MCB)
Assembly width (TE)  Number of contacts as normally open contact  Number of contacts as normally closed contact  Number of contacts as change-over contact  Number of fault-signal switches  Rated switch current  A 0  Rated voltage  V 415  Voltage type for actuating  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  1  1  A (DC  No  Suitable for max. number of poles main contact unit (total)	Additional equipment		Shunt release (for power circuit breaker)
Number of contacts as normally open contact  Number of contacts as normally closed contact  Number of contacts as change-over contact  Number of fault-signal switches  Rated switch current  A  0  Rated voltage  V  415  Voltage type for actuating  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  1  A  1  A  1  A  D  D	Attached at delivery		No
Number of contacts as normally closed contact  Number of contacts as change-over contact  Number of fault-signal switches  Number of fault-signal switches  A 0  Rated switch current  A 0  Rated voltage  V 415  Voltage type for actuating  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  1	Assembly width (TE)		1
Number of contacts as change-over contact  Number of fault-signal switches  Rated switch current  A  0  Rated voltage  V  415  Voltage type for actuating  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  O  AC/DC  No	Number of contacts as normally open contact		1
Number of fault-signal switches  Rated switch current  A  0  Rated voltage  V  415  Voltage type for actuating  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  1	Number of contacts as normally closed contact		1
Rated switch current  A 0  Rated voltage  V 415  Voltage type for actuating  AC/DC  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  A 1	Number of contacts as change-over contact		0
Rated voltage  V 415  Voltage type for actuating  AC/DC  With auto test for earth leakage function  Suitable for max. number of poles main contact unit (total)  1	Number of fault-signal switches		0
Voltage type for actuating AC/DC With auto test for earth leakage function No Suitable for max. number of poles main contact unit (total)  1	Rated switch current	Α	0
With auto test for earth leakage function  No  Suitable for max. number of poles main contact unit (total)  1	Rated voltage	V	415
Suitable for max. number of poles main contact unit (total)	Voltage type for actuating		AC/DC
	With auto test for earth leakage function		No
Suitable for max. current main contact unit  A 0	Suitable for max. number of poles main contact unit (total)		1
	Suitable for max. current main contact unit	Α	0

#### **Dimensions**



### **Additional product information (links)**

AWA1220-1755 Miniature circuit-breakers

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ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/17550701.pdf