# **DATASHEET - FAZ-XAM002**



Auxiliary contact, for FAZ, PKNM, 2W, 0.5HP

FAZ-XAM002 Part no. Catalog No. 262414 Alternate Catalog FAZ-XAM002

**EL-Nummer** 0001695385

(Norway)



**Delivery program** 

Basic function	Accessories for miniature circuit-breaker
Basic function accessories	Auxiliary contacts
Product range	Accessory
Contact sequence	1.12 1.14 4.12 4.14

# **Technical data**

-	ectri	1100

Standard front dimensionmm45Enclosure heightmm80Mounting widthmm8.8 (0.5 space unit)	Liberious			
Rated frequency         f         Hz         0500           Rated current         Io         A         4           Conventional free air thermal current         Io         A         4           Rated operational current         Io         A         2 (250 VAC)           AC-15         Io         A         2 (250 VAC)           AC-12         Io         A         3 (250 VAC)           Bact di insulation voltage         Io         A         0 (110 V DC)           Rated insulation voltage         Io         A         0 (110 V DC)           Rated insulation voltage         Io         A         0 (110 V DC)           Rated insulation voltage         Io         A         20           Rated insulation voltage         Io         A         25           Rated insulation voltage         Io         Ag         25           Rated insulation voltage         Io         Ag         2           Rated insulation voltage         Io         Ag         2           Rated insulation voltage         Io         Ag         Io           Rated conditional short-circuit current With 6 A back-up fuse         Io         Ag         Io           Mechanical         Io	Contact function			2 C/O
Rated current         In         A         4           Conventional free air thermal current         In         A         4           Rated operational current         In         A         2 (250 V AC)           AC-15         In         A         2 (250 V AC)           AC-12         In         A         3 (250 V AC)           Both 13         In         A         5 (110 V DC)           Rated insulation voltage         In         V AC         250           Minimum operating voltage per contact         In         V AC         250           Rated aimpulse withstand voltage         In         V AC         25           Rated conditional short-circuit current With 6 A back-up fuse         A gL         4         4           Max. admissible back-up fuse         A gL         4         4           Max. admissible back-up fuse         A gL         4         4           More than 15         In         M         4         4           More than 26         A gL         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         <	Rated operational voltage	U <sub>e</sub>	V AC	250
Conventional free air thermal current         In         A was a consistent of the maniform of the current         In         A was a consistent of the current         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In         A was a consistent of the current with 6 A back-up fuse         In	Rated frequency	f	Hz	50/60
Rated operational current         Io         A         2 (250 V AC)           AC-15         Io         A         3 (250 V AC)           BC-13         Io         A         3 (250 V AC)           Rated insulation voltage         Io         A         5 (110 V DC)           Rated insulation voltage         Umn         V DC         5           Rated insulation voltage per contact         Umn         V DC         5           Rated impulse withstand voltage         Io         A gL         1           Max. admissible back-up fuse         Io         A gL         1           Mechanical         V         A gL         4           Mechanical         V         A gL         4           Standard front dimension         mm         85         A           Enclosure height         mm         80         A           Mounting width         mm         88 (0.5 space unit)         A           Mounting width         mm         88 (0.5 space unit)         A           Integrated         mm         P4         P4           Terminal rotection         mm         P7         Protection against electric shock to IEC S36           Terminal capacities         mm²         05	Rated current	l <sub>e</sub>	Α	4
AC-15         Ie         A         2 (250 V AC)           AC-12         Ie         A         3 (250 V AC)           DC-13         Ie         A         0 5 (110 V DC)           Reted insulation voltage         Ui         V AC         250           Minimum operating voltage per contact         Umin         V DC         5           Reted impulse withstand voltage         Umin         V DC         5           Rated conditional short-circuit current Wifth 6 A back-up fuse         A gL         1           Max. admissible back-up fuse         A gL         4           Mechanical         N         4 gL           Standard front dimension         m         4 S           Enclosure height         mm         8 (0.5 space unit)           Mounting width         mm         8 (0.5 space unit)           Mounting         MCB         144           Integrated         IP40         Protection against electric shock to IEC 536           Terminal protection         Imm         Protection against electric shock to IEC 536           Terminal capacities         Imm         0 5 ·· 25           Solid         mm         0 5 ··	Conventional free air thermal current	I <sub>th</sub>	Α	4
AC-12         Ie         A         3 (250 V AC)           DC-13         Ie         A         0.5 (110 V DC)           Rated insulation voltage         U <sub>I</sub> V AC         250           Minimum operating voltage per contact         U <sub>min</sub> V DC         5           Rated impulse withstand voltage         LV         2.5           Rated conditional short-circuit current With 6 A back-up fuse         Ag         L           Max. admissible back-up fuse         Ag         4           Max. admissible back-up fuse         Ag         4           Mechanical         mm         4.5           Standard front dimension         mm         8.8 (0.5 space unit)           Mounting width         mm         8.8 (0.5 space unit)           Mounting width         mm         8.8 (0.5 space unit)           Mounting         protection         protection           Integrated         protection         protection against electric shock to IEC 536           Terminal protection         mm²         protection against electric shock to IEC 536           Terminal capacities         mm²         0.5 2.5           Solid         mm²         0.5 2.5	Rated operational current			
DC-13	AC-15	l <sub>e</sub>	Α	2 (250 V AC)
Rated insulation voltage  Minimum operating voltage per contact  Minimum operating voltage per contact  Rated impulse withstand voltage  Rated conditional short-circuit current With 6 A back-up fuse  Max. admissible	AC-12	l <sub>e</sub>	Α	3 (250 V AC)
Minimum operating voltage per contact Rated impulse withstand voltage Rated conditional short-circuit current With 6 A back-up fuse Max. admissible back-up fuse	DC-13	I <sub>e</sub>	Α	0.5 (110 V DC)
Rated impulse withstand voltage Rated conditional short-circuit current With 6 A back-up fuse  Max. admissible back-up fuse  M	Rated insulation voltage	Ui	V AC	250
Rated conditional short-circuit current With 6 A back-up fuse  Max. admissible back-up fuse  Max. admissible back-up fuse  Max. admissible back-up fuse  Mechanical  Standard front dimension  Enclosure height  Mounting width  Mounting width  Mounting  Degree of protection  Integrated  Integrated  Terminal protection  Terminals  Terminals  Terminals  Terminal capacities  Max. admissible back-up fuse  A g L	Minimum operating voltage per contact	U <sub>min</sub>	V DC	5
Max. admissible back-up fuse         A gL         4 gL           Mechanical         A gL         4 section of the process of the pr	Rated impulse withstand voltage	U <sub>imp</sub>	kV	2.5
Max. admissible back-up fuse         A gL         4 feature           Mechanical         Mechanical         Mechanical           Standard front dimension         mm         45           Enclosure height         mm         80           Mounting width         mm         8.8 (0.5 space unit)           Mounting         On MCB           Degree of protection         Integrated         IP40           I reminal protection         Protection against electric shock to IEC 536           Terminals         Lift terminals           Terminal capacities         mm²         0.5 2.5           flexible         mm²         0.5 2.5	Rated conditional short-circuit current With 6 A back-up fuse	I <sub>sc</sub>	kA	1
Mechanical           Standard front dimension         mm         45           Enclosure height         mm         80           Mounting width         mm         8.8 (0.5 space unit)           Mounting         on MCB           Degree of protection         Integrated         IP40           Terminal protection         Protection against electric shock to IEC 536           Terminals         Lift terminals           Terminal capacities         mm²           Solid         mm²           flexible         mm²           05 2.5           flexible         mm²	Max. admissible back-up fuse		A gL	
Standard front dimension mm 45 Enclosure height mm 80 Mounting width Mounting Mounting Degree of protection Integrated In	Max. admissible back-up fuse		A gL	4
Enclosure height  Mounting width  Mounting  Mounting  Mounting  Degree of protection  Integrated  Terminal protection  Terminals  Terminal capacities  Solid  flexible  Imm  Mounting  mm  Mm  88 (0.5 space unit)  On MCB  ProteCtion  184 (0.5 space unit)  ProteCtion  184 (0.5 spa	Mechanical			
Mounting width  Mounting  Degree of protection Integrated  Terminal protection  Terminal capacities Solid  flexible  Mounting  mm  8.8 (0.5 space unit)  On MCB  Protection  Integrated  Protection against electric shock to IEC 536  Lift terminals  imm²  0.5 2.5  mm²  0.5 2.5	Standard front dimension		mm	45
MountingOn MCBDegree of protectionIntegratedIntegratedIP40Terminal protectionProtection against electric shock to IEC 536TerminalsLift terminalsTerminal capacitiesmm²Solidmm²0.5 2.5flexiblemm²0.5 2.5	Enclosure height		mm	80
Degree of protection Integrated I	Mounting width		mm	8.8 (0.5 space unit)
IntegratedIP40Terminal protectionProtection against electric shock to IEC 536TerminalsLift terminalsTerminal capacitiesmm²Solidmm²0.5 2.5flexiblemm²0.5 2.5	Mounting			On MCB
Terminal protection Terminals Terminal capacities Terminal capacit	Degree of protection			
Terminals Terminal capacities mm² Solid flexible Lift terminals Lift terminals  0.5 2.5  Lift terminals  0.5 2.5	Integrated			IP40
Terminal capacities mm <sup>2</sup> Solid mm <sup>2</sup> 0.5 2.5 flexible mm <sup>2</sup> 0.5 2.5	Terminal protection			Protection against electric shock to IEC 536
Solid mm <sup>2</sup> 0.5 2.5 flexible mm <sup>2</sup> 0.5 2.5	Terminals			Lift terminals
flexible mm <sup>2</sup> 0.5 2.5	Terminal capacities		$\text{mm}^2$	
	Solid		$\mathrm{mm}^2$	0.5 2.5
Tightening torque of terminal screws Nm 0.8 1.0	flexible		$mm^2$	0.5 2.5
	Tightening torque of terminal screws		Nm	0.8 1.0

# 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 and a superior of the component of th(ecl@ss10.0.1-27-14-35-02 [AKE327013]) Device fitting Earth leakage circuit breaker and miniature circuit breaker (MCB) Additional equipment **Other** Attached at delivery No Assembly width (TE) 0.5 Number of contacts as normally open contact 0 Number of contacts as normally closed contact 0 Number of contacts as change-over contact 2 Number of fault-signal switches 0 Rated switch current 3 Α ٧ Rated voltage 250 Voltage type for actuating AC With auto test for earth leakage function No

### **Approvals**

Suitable for max. number of poles main contact unit (total)

Suitable for max. current main contact unit

Product Standards	IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking
UL File No.	E177451
UL Category Control No.	QVNU2, QVNU8
CSA File No.	-
CSA Class No.	3215-30
North America Certification	UL recognized, certified by UL for use in Canada
Degree of Protection	IEC: IP20; UL/CSA Type: -

Α

2

0

# Dimensions 8.8 5.5 44 60

# **Additional product information (links)**

AWA1220-1760 Auxiliary contact

AWA1220-1760 Auxiliary contact

ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/17600812.pdf