DATASHEET - Z-IHK-NA



Auxiliary contact, for FAZ-NA, FAZ-RT, 1N/O+1N/C, 0.5HP

Part no. Z-IHK-NA
Catalog No. 113895
Alternate Catalog Z-IHK-NA



Delivery program

Delivery program	
Basic function	Accessories for miniature circuit-breaker
Basic function accessories	Auxiliary contacts
Application	Switchgear for export to North America (UL-listed)
Product range	Accessory
Side mounting	for fitting on left to: FAZ-NA, FAZ-RT
Contact sequence	21 13

Technical data

Electrical			
Contact function			1 M/1 B
Rated operational voltage	U _e	V AC	250
Rated frequency	f	Hz	50/60
Rated current	l _e	Α	6
Conventional free air thermal current	I _{th}	Α	6
Rated operational current			
AC-15	I _e	Α	2 (250 V AC)
AC-12	l _e	Α	3 (250 V AC)
DC-13	I _e	Α	0.5 (110 V DC)
Rated insulation voltage	Ui	V AC	250
Minimum operating voltage per contact	U _{min}	V DC	5
Rated impulse withstand voltage	U_{imp}	kV	4
Rated conditional short-circuit current With 6 A back-up fuse	I _{sc}	kA	1
Mechanical			
Standard front dimension		mm	45
Enclosure height		mm	80
Mounting width		mm	8.8 (0.5 SU)
Degree of protection			
Integrated			IP40

Terminal protection		Busbar tag shroud to BGV A3
Terminals		Lift terminals
Tightening torque of terminal screws	Nm	≦ 1.2

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 (ecl@ss10.0.1-27-14-35-02 [AKE327013])

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 Rated switch current A 6 Rated voltage V 250 Voltage type for actuating With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) A 4 Auxiliary switch No 0.5 4.1 4.1 4.1 4.2 5.3 6.4 6.4 6.4 7.5 7.5 7.6 7.7 7.7 7.7 7.7 7.7	(ecl@ss10.0.1-27-14-35-02 [AKE327013])		
Attached at delivery Assembly width (TE) Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of fault-signal switches Rated switch current A 6 Rated voltage V 250 Voltage type for actuating With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) No	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 6 Rated voltage V 250 Voltage type for actuating With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) 0.5 0.5 1 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Additional equipment		Auxiliary switch
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 6 Rated voltage V 250 Voltage type for actuating With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) A 1 A 2 A 3 A 3 A 4 A 5 A 5 A 6 A 6 A 7 A 7 A 8 A 8 A 9 A 9 A 9 A 9 A 9 A 9	Attached at delivery		No
Number of contacts as normally closed contact Number of contacts as change-over contact Number of fault-signal switches Rated switch current A 6 Rated voltage V 250 Voltage type for actuating AC With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) A 1 A 6 AC	Assembly width (TE)		0.5
Number of contacts as change-over contact Number of fault-signal switches Rated switch current A 6 Rated voltage V 250 Voltage type for actuating AC With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) D O O O O O O O O O O O O	Number of contacts as normally open contact		1
Number of fault-signal switches Rated switch current A 6 Rated voltage V 250 Voltage type for actuating AC With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) A Suitable for max. number of poles main contact unit (total) O O O O O O O O O O O O O	Number of contacts as normally closed contact		1
Rated switch current A 6 Rated voltage V 250 Voltage type for actuating AC With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) A 6 V 250 AC V 250 V 250 AC V 350 V 40 Suitable for max. number of poles main contact unit (total)	Number of contacts as change-over contact		0
Rated voltage V 250 Voltage type for actuating AC With auto test for earth leakage function Suitable for max. number of poles main contact unit (total) V 250 AC No 2	Number of fault-signal switches		0
Voltage type for actuating AC With auto test for earth leakage function No Suitable for max. number of poles main contact unit (total) 2	Rated switch current	Α	6
With auto test for earth leakage function No Suitable for max. number of poles main contact unit (total) 2	Rated voltage	V	250
Suitable for max. number of poles main contact unit (total)	Voltage type for actuating		AC
	With auto test for earth leakage function		No
Suitable for max. current main contact unit A 6	Suitable for max. number of poles main contact unit (total)		2
	Suitable for max. current main contact unit	Α	6

Approvals

Product Standards	IEC/EN 60898; EN 45545-2; IEC 61373; UL 489; CSA-C22.2 No. 5-09; CE marking
UL File No.	E257181
UL Category Control No.	DIHS, DIHS7
CSA File No.	204453
CSA Class No.	1437-01
North America Certification	UL listed, CSA certified
Degree of Protection	IEC: IP20, UL/CSA Type: -

Dimensions

