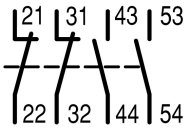
aux.contact module, 4-poles, front

Part no. 22DILEM
Article no. 010112
Catalog No. XTMCXFC22

Powering Business Worldwide™

Delivery programme

Product range			Accessories
Accessories			Auxiliary contact modules
Description			with interlocked opposing contacts
Function			for standard applications
Pole			4 pole
Connection technique			Screw terminals
Rated operational current			
AC-15			
220 V 230 V 240 V	I_e	A	4
380 V 400 V 415 V	I_e	A	2
Contacts			
N/O = Normally open			2 N/O
N/C = Normally closed			2 NC
Mounting type			Front fixing
Contact sequence			
For use with			DILEM-10(-G)(…) DILEM-4(-G)(…) DILEEM-10(-G)(…) DILEM12-10(-G)(…)
Instructions			No interlocked opposing mechanism in NO early-makes and NC late-breaks. Auxiliary contact modules with positive acting contacts

Approvals

Product Standards	IEC/EN 60947-4-1; 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
Specially designed for North America	No

Auxiliary contacts

Interlocked opposing contacts to ZH 1/457			Yes
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	U_i	V AC	690
Rated operational voltage	U_e	V AC	600
Safe isolation to EN 61140			
between coil and auxiliary contacts		V AC	300
between the auxiliary contacts		V AC	300
Rated operational current		A	
Conventional free air thermal current, 3 pole, 50 - 60 Hz			
Open			
Conv. thermal current	I_{th}	A	10
AC-15			
220 V 230 V 240 V	I_e	A	4
380 V 400 V 415 V	I_e	A	2

500 V	I_e	A	1.5
DC current			
DC-13 L/R - 15 ms			
Contacts in series:		A	
1	24 V	A	2.5
2	60 V	A	2.5
3	110 V	A	1.5
3	220 V	A	0.5
Control circuit reliability (at U_e = 24 V DC, U_{min} = 17 V, I_{min}= 5.4 mA)	Failure rate	λ	$<10^{-8}$, < one failure at 100 million operations
Component lifespan at U_e = 240 V			
AC-15	Operations	x 10^6	0.2
DC			
Footnote			Switch-on and switch-off conditions based on DC-13, time constant as specified
L/R = 50 ms: 2 contacts in series at I_e = 0.5 A	Operations	x 10^6	0.15
Short-circuit rating without welding			
Maximum overcurrent protective device			
Short-circuit protection only			PKZM0-4
Short-circuit protection maximum fuse			
500 V		A gG/gL	6
500 V		A fast	10
Current heat loss at I_{th}			
Current heat loss per contact at I_e		W	0.2

Technical data ETIM 4.0

Number of contacts as change-over contact			0
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			2
Suitable for panel push button			No
Suitable for earth leakage switch			No
Suitable for front element			No
Suitable for hanging switch			No
Suitable for pendant control station			No
Suitable for auxiliary relay			No
Suitable for impulse relay			No
Suitable for installation protection/installation relay			Yes
Suitable for earth leakage circuit breaker			No
Suitable for switch disconnector kompakt			No
Suitable for power circuit breaker			No
Suitable for power protection			Yes
Suitable for miniature circuit breaker			No
Suitable for over current-/earth leakage switch			No
Suitable for magnetic switch			No
Suitable for motor safety switch			No
Suitable for cam-type control switch			No
Suitable for position switch			No
Suitable for modular relay			No
Suitable for safety position switch			No
Suitable for current surge switch			No
Suitable for level switch			No
Rated operation current Ie at AC-15, 230 V		A	4
Type of electric connection			Screw connection