



aux.contact module, 4-poles, front



Powering Business Worldwide™

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

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
UL File No.
UL Category Control No.
CSA File No.
CSA Class No.
North America Certification
Specially designed for North America

IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
E29184
NKCR
012528
3211-03
UL listed, CSA certified
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 | $\times 10^6$ | 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 | $\times 10^6$ | 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 disconnecter 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 I_e at AC-15, 230 V | | A | 4 |
| Type of electric connection | | | Screw connection |