

Circuit-breaker 3p, 630A, fixed

Part no. Article no. IZMX16N3-V06F 123371



Delivery program Product range Air circuit-breakers/switch-disconnectors Product range Open circuit-breakers Current Range Up to 4000 A Selective operation Protective function Installation type Fixed Main terminals must be separately ordered. IZMX16 Construction size Release system Electronic release IEC Standard/Approval Number of poles 3 pole Degree of Protection IP20, IP55 with protective cover, IP41 door sealing frame suitable for zone selectivity optionally fittable by user with comprehensive accessories 630 Rated current = rated uninterrupted current $I_n = I_u$ А up to 440 V 50/60 Hz 50 I_{cu} kA up to 440 V 50/60 Hz I_{cs} kA 50 Overload release, min. ١_r А 315 Overload release, max. ١_r А 630 Non-delayed $I_i = I_n x \dots$ 2 - 12, OFF Delayed $I_{sd} = I_r x \dots$ 2 - 10 $X_{1>}$

Technical data

| General | | | |
|---|-------------|----|---|
| Standards | | | IEC/EN 60947 |
| Ambient temperature | | | |
| Storage | θ | °C | -40 - +70 |
| Ambient temperature | | °C | -25 - +70 |
| Mounting position | | | |
| | | | 30° 30° |
| Utilization category | | | В |
| Degree of Protection | | | IP20, IP55 with protective cover, IP41 door sealing frame |
| Direction of incoming supply | | | as required |
| Main conducting paths | | | |
| Rated current = rated uninterrupted current | $I_n = I_u$ | А | 630 |
| Rated uninterrupted current at 50 °C | lu | А | 630 |
| | | | |

| Note whether part of white white | Dated uninterrunted surrent of CO SO | 1 | ٨ | 600 |
|--|--|-----------------|------|---|
| Name consistent victorsInput de land sectorsInput de land | Rated uninterrupted current at 60 °C | l _u | A | 630 |
| Name construction layer (second enclosed up U = 100 VN VN VN VN VNormalize constructionin up out U = 100 VNNNNRead bond-constructioning up out VNNNNSecond constructioning up out VNNNNImpact M 2000 NinImpact VNNNNNImpact M 2000 NinImpact MNNNNNImpact M 2000 NinImpact MNNNNNImpact M 2000 NinImpact MNNNNNImpact M 2000 NinImpact MNNNNNNImpact M 2000 NinImpact MNNNNNNImpact M 2000 NinImpact MNNNNNNImpact M 2000 NinImpact MNNNNNNImpact M 2000 NinImpact MNNNNNNN <td></td> <td></td> <td></td> <td></td> | | | | |
| In Tradecination working up 0 4049InInDeriving cangery/pallaking quectionUVINState matter straining quectionUVInState straining quectionInNNState straining quectionInNNState straining quectionInNNState straining quection (In the s | Rated impulse withstand voltage | | V AC | 12000 |
| Developing entropy building angle of the set of th | Rated operational voltage | U _e | V AC | 690 |
| Residue valuesV000Solidation valuesIsaIsaSolidation valuesIsaIsaIsaInteraction valuesIsaIsa <td>Use in IT electrical power networks up to U = 440 V</td> <td>I_{IT}</td> <td>kA</td> <td>23</td> | Use in IT electrical power networks up to U = 440 V | I _{IT} | kA | 23 |
| Notice space by space b | Overvoltage category/pollution degree | | | 111/3 |
| Beta discritant animize quantyIn | Rated insulation voltage | Ui | V | 1000 |
| up to 404 VS980 H2HmKA150Bate data for S980 H2HmHmHmHmRate data for the subtand current S800 H2HmHmHmIf a 1HmHmHmHmRate data for the subtand current S800 H2HmHmHmHECK S000 H2HmHmHmHmHECK S000 H2HmHmHmHmHD 100 H2HmHmHmHmH2 H2 M2 M300 H2HmHmHmHmHD 100 H2HmHmHmHmH2 H3 M300 H2HmHmHmHmH2 H3 H3 M300 H2 </td <td>Switching capacity</td> <td></td> <td></td> <td></td> | Switching capacity | | | |
| pip to BM 93001/b Imm | Rated short-circuit making capacity | I _{cm} | | |
| Reted start-sine withstand current \$200 // Ive Ive Ive It 1 Ive Ive Ive Reted start-sine sequencing sequences Ive 0-+CO Ive Ive up to 300 Y509 ht/ Ive Ive Ive up to 400 Y5000 ht/ Ive Ive Ive up to 500 Y509 ht/ Ive Ive Ive Operating instance Ive Ive Ive Ubitsing dively via shurt cleare Ive Ive Ive Total opening dively via shurt cleare Ive Ive Ive Ubitsing number cleare Ive Ive Ive | up to 440 V 50/60 Hz | l _{cm} | kA | 105 |
| t - 1 sL,r,rH,r<H,r <td>up to 690 V 50/60 Hz</td> <td>I_{cm}</td> <td>kA</td> <td>88</td> | up to 690 V 50/60 Hz | I _{cm} | kA | 88 |
| Arrow of seven baseling capacity I _m Important is adjusted baseling capacity I _m </td <td>Rated short-time withstand current 50/60 Hz</td> <td></td> <td></td> <td></td> | Rated short-time withstand current 50/60 Hz | | | |
| IECERI 6000 perming sequence k ₁₀ 0-c00 ku ka up to 340 V 5000 hc ku kA up to 440 V 5000 hc ku kA up to 360 V 5000 hc ku kA IECERI 6000 perming sequence k ₁₀ 0-c0 c0 ku kA up to 360 V 5000 hc ka kA IECERI 6000 hc ka kA up to 340 V 5000 hc ka kA Quering times ka kA Cloining delay via shurt release ms 30 Total opening dialy via shurt release ms 30 Total opening dialy via shurt release ms 30 Total opening dialy via shurt release ms 30 It despan, mechanical statter release ms It despan, mechanical statter release 3000 It despan, mechanical with maintenance Stattenag 3000 Vietagen, electrical Stattenag 3000 It despan electrical with maintenance Stattenag 3000 Weight ma 3000 3000 Total opening frequency Stattenag 3000< | t = 1 s | I _{cw} | kA | 42 |
| up to 240 Y 5000 Hz ku KA 85 up to 440 Y 5000 Hz ku KA 50 up to 500 Y 5000 Hz ku KA 50 up to 240 Y 5000 Hz ku KA 50 up to 240 Y 5000 Hz ku KA 50 up to 240 Y 5000 Hz ku KA 50 up to 240 Y 5000 Hz ku KA 50 up to 240 Y 5000 Hz ku KA 50 up to 240 Y 5000 Hz ku KA 50 Clearing delay via sing release ms 50 50 Total apseing delay via sing release ms 50 50 Total apseing delay via undervoltage release ms 50 50 Lifesgan, mechanical Svirching Vicies 0W ms 50 50 Lifesgan, mechanical with maintenance Svirching Vicies 0W ms 50 50 Lifesgan, electrical Svirching Vicies 0W Ms 50 50 50 Lifesgan, electrical Svirching Vicies 0W Ms< | Rated short-circuit breaking capacity I _{cn} | I _{cn} | | |
| up to 400 V 500 HzLuA50up to 600 V 500 HzLuA4up to 400 V 500 HzLuA50up to 400 V 500 HzLuA50up to 400 V 500 HzLuA50Costag distry via sping releaseLuA50Costag distry via sping releaseS50Total opening doley via shurt roleaseM50Total opening doley via shurt roleaseM50UsespanS50UsespanS50UsespanS50Lifespan, mechanicalSvitching OFFF50Lifespan, electricalSvitching OFFF50Lifespan, electrical with maintenanceSvitching OFFF50Verify HMM50Natium operating frequency Paed mountingDeparticing http50ApoleMM50SoloM4060SoloM6060Total openitiesM60Mainum operating frequency Paed mountingM60SoloMM60SoloM60 <td< td=""><td>IEC/EN 60947 operating sequence I_{cu} O-t-CO</td><td></td><td></td><td></td></td<> | IEC/EN 60947 operating sequence I _{cu} O-t-CO | | | |
| up to 400 V 500 HzLuA50up to 600 V 500 HzLuA4up to 400 V 500 HzLuA50up to 400 V 500 HzLuA50up to 400 V 500 HzLuA50Costag distry via sping releaseLuA50Costag distry via sping releaseS50Total opening doley via shurt roleaseM50Total opening doley via shurt roleaseM50UsespanS50UsespanS50UsespanS50Lifespan, mechanicalSvitching OFFF50Lifespan, electricalSvitching OFFF50Lifespan, electrical with maintenanceSvitching OFFF50Verify HMM50Natium operating frequency Paed mountingDeparticing http50ApoleMM50SoloM4060SoloM6060Total openitiesM60Mainum operating frequency Paed mountingM60SoloMM60SoloM60 <td< td=""><td></td><td>I_{cu}</td><td>kA</td><td>85</td></td<> | | I _{cu} | kA | 85 |
| up to 880 V 50/00 Hz Ha 42 IEC;EN 80847 openating sequence Isc, 0-1:CO Ha KA 50 up to 800 V 50/00 Hz La KA 50 up to 800 V 50/00 Hz La KA 50 up to 800 V 50/00 Hz La KA 50 Consing felley via spring release ns 30 30 Total opening delay via spring release ns 50 50 Total opening delay via undervoltage release ns 50 50 Lifespan, mechanical Svitching Cycles (NV) OPFF Ns 20000 20000 Lifespan, mechanical with maintenance Svitching Cycles (NV) OPFF Ns 20000 20000 Lifespan, alectrical with maintenance Svitching Cycles (NV) OPFF Ns 20000 20000 Lifespan, alectrical with maintenance Svitching Cycles (NV) OPFF Ns 20000 20000 Lifespan, alectrical with maintenance Svitching Cycles (NV) OPFF Ns 20000 20000 Lifespan, alectrical with maintenance Svitching Cycles (NV) Ns 20000 | | | kΑ | 50 |
| ECCEN 60047 operating sequence leg 0+COCO Ice | | | | |
| up to 240 Y SQ80 Hz rs KA 50 up to 540 Y SQ80 Hz ks 50 50 Up to 580 Y SQ80 Hz ks 62 50 Operating times ms 30 50 Clasing delay via shint release ms 30 50 Total opening delay via shint release ms 50 50 Total opening delay via shint release ms 50 50 Total opening delay via shint release ms 50 50 Total opening delay via undervoltage release ms 50 50 Ufespan Switching cycles (NV OFF) ms 50 50 Ufespan, mechanical Switching cycles (NV OFF) 50 50 50 Ufespan, electrical Switching cycles (NV OFF) 50 50 50 50 Ufespan, electrical with maintenance Switching cycles (NV OFF) 50 50 50 50 Maximum operating frequency Operationsh fixed mounting ms 50 50 50 50 50 50 | | ·cu | 101 | - |
| up to 440 V50/00 Hz kg AA 9 up to 580 V50/00 Hz kg KA 2 Operating times | | | LA. | 50 |
| up to 690 V5000 Hz rg IA 2 Operating times Image: Constraint of the set | | | | |
| Operating times nm 30 I total opening delay via spring release nm 30 Total opening delay via sunt release nm 50 Total opening delay via undervoltage release nm 50 Total opening delay on non-delayed short-circuit release (up to complete arr queching) nm 50 Lifespan, mechanical Switching nm 2500 Lifespan, mechanical with maintenance Switching 2000 2000 Lifespan, electrical with maintenance Switching 0000 20000 Lifespan, electrical with maintenance Switching 0000 20000 Maximum operating frequency Operations/h 60 60 Hast dispation at rated current I _h Kg 19 1000 Spole Kg 19 2000 2000 </td <td></td> <td>I_{cs}</td> <td></td> <td></td> | | I _{cs} | | |
| Closing delay via spring release ns 3 Total opening delay via undervoltage release ns 5 Total opening delay via undervoltage release ns 5 Total opening delay on non-delayed short-circuit release (up to completa ac quenching) s 2 Lifespan, mechanical Svitching cycles (DV) OFF s 2 Lifespan, mechanical with maintenance Svitching cycles (DV) OFF s 2000 Lifespan, mechanical with maintenance Svitching cycles (DV) OFF s 2000 Lifespan, mechanical relation Svitching cycles (DV) OFF s 2000 Lifespan, mechanical with maintenance Svitching cycles (DV) OFF s 2000 Lifespan, electrical Svitching cycles (DV) OFF s 10000 Lifespan, electrical with maintenance Svitching cycles (DV) OFF s 10000 Maximum operating frequency Operationsh vectors (DV) OFF 10000 10000 Heat dissipation at rated current l, S-spole w 9 10000 S-pole kg 10000 10000 10000 S-pole kg 10000 10000 10000 10000 | up to 690 V 50/60 Hz | I _{cs} | kA | 42 |
| Total opening delay via sund reclease ns 25 Total opening delay via undevoltage release ns 50 Total opening delay on non-delayed short-circuit release (up to complete are quenching) ns 25 Lifespan, mechanical S 5 5 Lifespan, mechanical with maintenance Svitching vices (0N) OFF 2000 2000 Lifespan, electrical Svitching vices (0N) OFF S 2000 Lifespan, electrical with maintenance Svitching vices (0N) OFF S 2000 Maximun operating frequency Operations/ OFF 0000 0000 Heat dissipation at rated current In Svitching vices (0N) OFF S 0000 Fixed mounting Svitching vices (0N) OFF S 0000 Avainum operating frequency Operations/ OFF 0000 0000 Heat dissipation at rated current In Svitching vices (0N) OFF S 0000 S-pole S S S S S-pole Svitching vices (0N) OFF S S S Rised dissipation at rated current In S S S S S-pole S <td>Operating times</td> <td></td> <td></td> <td></td> | Operating times | | | |
| Total opening delay via undervoltage release ms 5 Total opening delay on non-delayed short-circuit release (up to complete arc quenching) ms 25 Lifespan, mechanical Soviething viething viet | Closing delay via spring release | | ms | 30 |
| Independence Independence <td< td=""><td>Total opening delay via shunt release</td><td></td><td>ms</td><td>25</td></td<> | Total opening delay via shunt release | | ms | 25 |
| quenching) Ifespan S Lifespan, mechanical Switching Cycles (DN) OFF) 1250 Lifespan, mechanical with maintenance Switching Cycles (DN) OFF) 2000 Lifespan, electrical Switching Cycles (DN) OFF) 10000 Lifespan, electrical with maintenance Switching Cycles (DN) OFF) 10000 Maximum operating frequency Operationsh' OFF) 10000 Maximum operating frequency Operationsh' OFF) 60 Het dissipation at rated current I _n W 36 Fixed mounting W 36 Veight Image: Comparities (Comparities Comparities Comparities Comparities Comparities Comparities Comparities Comparities (Comparities Comparities Com | Total opening delay via undervoltage release | | ms | 50 |
| If tespan, mechanical Switching cycles (0)// by cycles (0)// by | | | ms | 25 |
| Ifespan, mechanical with maintenance Switching cycles (0N/ OFF) 2000 Lifespan, mechanical with maintenance Switching cycles (0N/ OFF) 1000 Lifespan, electrical Switching cycles (0N/ OFF) 1000 Lifespan, electrical with maintenance Switching cycles (0N/ OFF) 1000 Maximum operating frequency Operations/h 60 Heat dissipation at rated current In Maximum operating frequency 0 Fixed mounting W 36 Veight State mounting 1000 Terminal capacities Maximum operating frequency Maximum operating frequency Japole Maximum operating frequency W 36 Heat dissipation at rated current In Maximum operating frequency Maximum operating frequency Maximum operating frequency Fixed mounting Maximum operating frequency W 36 36 Terminal capacities Maximum operating frequency Maximum operating frequency Maximum operating frequency Black Maximum operating frequency Maximum operating frequency Maximum operating frequency Maximum operating frequency Fixed mounting Maximum operating frequency Maximum ope | Lifespan | | S | |
| Lifespan, electrical Switching cycles (0N/ c | Lifespan, mechanical | cycles (ON/ | | 12500 |
| Lifespan, electrical with maintenance Switching cycles (DIV) OFF) 0000 Maximum operating frequency Operations/h 60 Heat dissipation at rated current I _n W 36 Fixed mounting W 36 Weight | Lifespan, mechanical with maintenance | cycles (ON/ | | 20000 |
| version | Lifespan, electrical | cycles (ON/ | | 10000 |
| Heat dissipation at rated current In Image: Constraint of the second | Lifespan, electrical with maintenance | cycles (ON/ | | 10000 |
| Fixed mounting W Spole Kg 3-pole kg 4-pole kg 24 Terminal capacities Fixed mounting Image: Colspan="2">Image: Colspan="2" Image: Colspa=""2" Image: Co | Maximum operating frequency | Operations/h | | 60 |
| Weight Fixed mounting Image: Constraint of the second | Heat dissipation at rated current I _n | | | |
| Weight Fixed mounting Image: Comparison of the second | Fixed mounting | | W | 36 |
| 3-pole kg 19 4-pole kg 24 Terminal capacities Fixed mounting Black mm 2x 5x 50 Withdrawable units mm 2x 5x 50 Black mm 2x 5x 50 Black mm 2x 5x 50 | | | | |
| 4-pole kg 24 Terminal capacities Terminal capacities Terminal capacities Copper bar Image: Comparison of the second | Fixed mounting | | | |
| Terminal capacities Copper bar Fixed mounting Black mm 2 x 5 x 50 Withdrawable units Black mm 2 x 5 x 50 Terminal capacities These are values used in separate switchgear. The actual values will depend the temperature around the circuit-breaker, which is influenced by the ambient | 3-pole | | kg | 19 |
| Copper bar Fixed mounting Fixed mounting mmm Black mmm Withdrawable units 2 x 5 x 50 Black mmm Black mmm 2 x 5 x 50 These are values used in separate switchgear. The actual values will depend the temperature around the circuit-breaker, which is influenced by the ambient | | | kg | 24 |
| Fixed mounting mm 2 x 5 x 50 Black mm 2 x 5 x 50 Withdrawable units mm 2 x 5 x 50 Black mm 2 x 5 x 50 Black mm 2 x 5 x 50 Black mm 2 x 5 x 50 | - | | | |
| Black mm 2 x 5 x 50 Withdrawable units mm 2 x 5 x 50 Black mm 2 x 5 x 50 These are values used in separate switchgear. The actual values will depend the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperat | | | | |
| Withdrawable units mm 2 x 5 x 50 Black mm 2 x 5 x 50 These are values used in separate switchgear. The actual values will depend the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of the temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperature around the circuit-breaker, which is influenced by the ambient of temperature around temperature around the circuit-breaker, which is influenced by them | - | | | |
| Black mm 2 x 5 x 50 These are values used in separate switchgear. The actual values will depend the temperature around the circuit-breaker, which is influenced by the ambier | | | mm | 2 x 5 x 50 |
| These are values used in separate switchgear. The actual values will depend the temperature around the circuit-breaker, which is influenced by the ambier | | | | |
| the temperature around the circuit-breaker, which is influenced by the ambier | Black | | mm | |
| any external ventilation. Depending on the specific switchgear design, this ma | | | | These are values used in separate switchgear. The actual values will depend on the temperature around the circuit-breaker, which is influenced by the ambient temperature, the degree of protection (IP), the mounting height, the partitions, and any external ventilation. Depending on the specific switchgear design, this may result in derating, which can then be compensated for by increasing the cross- |

sectional area. Temperature rise tests in the specific switchgear can provide specific and detailed information.

Permissible continuous current for circuit-breakers operating in switchboards at various internal ambient temperatures. The switchboard's internal ambient temperature should be estimated using the calculation methods of IEC regulation.

Design verification as per IEC/EN 61439

| Technical data for design verification | | | |
|---|------------------|----|--|
| Rated operational current for specified heat dissipation | In | A | 630 |
| Equipment heat dissipation, current-dependent | P _{vid} | W | 36 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 70 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 10.2.2 Corrosion resistance | | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | | Is the panel builder's responsibility. |
| 10.9 Insulation properties | | | |
| 10.9.2 Power-frequency electric strength | | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Power circuit-breaker for trafo/generator/installation prot. (EC000228)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Circuit breaker for power transformer, generator and system protection (ecl@ss8.1-27-37-04-09 [AJZ716010])

| Rated permanent current lu | А | 630 |
|---|----|--|
| Rated voltage | V | 690 - 690 |
| Rated short-circuit breaking capacity Icu at 400 V, 50 Hz | kA | 50 |
| Overload release current setting | А | 315 - 630 |
| Adjustment range short-term delayed short-circuit release | А | 1260 - 6300 |
| Adjustment range undelayed short-circuit release | А | 1260 - 7560 |
| Integrated earth fault protection | | No |
| Type of electrical connection of main circuit | | Rail connection |
| Device construction | | Built-in device fixed built-in technique |
| Suitable for DIN rail (top hat rail) mounting | | No |
| DIN rail (top hat rail) mounting optional | | No |
| Number of auxiliary contacts as normally closed contact | | 0 |

| Number of auxiliary contacts as normally open contact | 0 |
|---|-------------|
| Number of auxiliary contacts as change-over contact | 2 |
| Switched-off indicator available | Yes |
| With under voltage release | No |
| Number of poles | 3 |
| Position of connection for main current circuit | Back side |
| Type of control element | Push button |
| Complete device with protection unit | Yes |
| Motor drive integrated | No |
| Motor drive optional | Yes |
| Degree of protection (IP) | IP20 |

Dimensions



