DATASHEET - INX40N3-40F-1



Switch-disconnector, 3 pole, 4000A, without protection, IEC, Fixed



(Norway)

INX40N3-40F-1 184055

EL-Nummer 4398417



Delivery program

| Product rangeProduct rangeProduc | Product range | | | Air circuit-breakers/switch-disconnectors |
|--|---|-----------------|----|--|
| Protective function Installation type without protection Installation type Fixed Construction size INX40 Release system without releases Standard/Approval Installation type Number of poles Installation type Degree of Protection Installation type Release system Installation type Rede current = rated uninterrupted current In = lu Installation type Installation type Rede short-circuit making capacity up to 4400/6900V 42/42 Ingman Rated short-time withstand current t = 1s Ingman Ingman Installation type Ingman Ingman Insting type Ingman | Product range | | | Open switch-disconnectors |
| Installation type Fixed Installation type Fixed Construction size INX40 Release system without releases Standard/Approval Fixed Number of poles IEC Degree of Protection Joint voltable by user with comprehensive accessories Reted current = rated uninterrupted current In=lu A Nated short-circuit making capacity up to 440V/690V 42/42 Icm KA Reted short-time withstand current t = 1s Icm KA Sole | Current Range | | | Up to 4000 A |
| Construction size Mathematical Standard Approval NX40 Release system without releases Standard Approval F EC Number of poles Jole Jole Degree of Protection F Jole Reted surrent = rated uninterrupted current In = lu A Interd short-circuit making capacity up to 440V/690V 42/42 Icm Kandard Interd short-circuit making current f = Is Icw Kandard Kandard Interd short-circuit making current f = Is Icw Kandard Sole Interd short-circuit making current f = Is Icw Kandard Sole Interd short-circuit making current f = Is Icw Kandard Sole | Protective function | | | without protection |
| Release system wihout releases Standard/Approval is in the constraint of poles Number of poles Japle Degree of Protection Image: Signal of the constraint of poles Release system Image: Signal of the constraint of the constraint of the constraint of poles Release of Protection Image: Signal of the constraint of the | Installation type | | | Fixed |
| Standard/Approval IC Number of poles 3 pole Degree of Protection Fall Rated current = rated uninterrupted current In = lu Image: Rated short-time withstand current t = 1s Image: Rated short-time withstand current t = 1s | Construction size | | | INX40 |
| Number of poles 3 pole Degree of Protection P31 with door seals, IP55 with protective cover Rated current = rated uninterrupted current In = Iu A Rated short-circuit making capacity up to 440V/690V 42/42 Icm KA Rated short-time withstand current t = 1 s Icw KA | Release system | | | without releases |
| Degree of Protection Final With door seals, IP55 with protective cover Rated current = rated uninterrupted current In = Iu A Rated short-circuit making capacity up to 440V/690V 42/42 Icm KA Rated short-time withstand current t = 1 s Icw KA | Standard/Approval | | | IEC |
| Atted Image: Constraint of the second of t | Number of poles | | | 3 pole |
| Rated current = rated uninterrupted current In = Iu A 4000 Rated short-circuit making capacity up to 440V/690V 42/42 Icm KA 187 Rated short-time withstand current t = 1 s Icw KA 85 | Degree of Protection | | | IP31 with door seals, IP55 with protective cover |
| Rated short-circuit making capacity up to 440V/690V 42/42 Icm KA 187 Rated short-time withstand current t =1 s Icm KA 85 | | | | optionally fittable by user with comprehensive accessories |
| Rated short-time withstand current t =1 s I _{cw} kA 85 | Rated current = rated uninterrupted current | $I_n = I_u$ | А | 4000 |
| | Rated short-circuit making capacity up to 440V/690V 42/42 | I _{cm} | kA | 187 |
| Rated short-time withstand current t =3 s I _{cw} kA 66 | Rated short-time withstand current t =1 s | I _{cw} | kA | 85 |
| | Rated short-time withstand current t =3 s | I _{cw} | kA | 66 |

Technical data

| General | | | |
|---|------------------|------|--|
| Standards | | | IEC/EN 60947 |
| Ambient temperature | | | |
| Storage | 9 | °C | -40 - +70 |
| Ambient temperature | | °C | -25 - +70 |
| Mounting position | | | 30° 30° 30° 30° |
| Utilization category | | | В |
| Degree of Protection | | | IP31 with door seals, IP55 with protective cover |
| Direction of incoming supply | | | as required |
| Main conducting paths | | | |
| Rated current = rated uninterrupted current | $I_n = I_u$ | А | 4000 |
| Rated uninterrupted current at 50 °C | lu | А | 4000 |
| Rated uninterrupted current at 60 °C | lu | Α | 3650 |
| Rated uninterrupted current at 70 °C | lu | А | 3500 |
| Rated impulse withstand voltage | U _{imp} | V AC | 12000 |
| Rated operational voltage | U _e | V AC | 690 |
| Overvoltage category/pollution degree | | | 111/3 |
| Rated insulation voltage | Ui | V | 1000 |
| Switching capacity | | | |
| Rated short-circuit making capacity | I _{cm} | | |
| up to 440 V 50/60 Hz | I _{cm} | kA | 187 |
| up to 690 V 50/60 Hz | I _{cm} | kA | 166 |
| Operating times | | | |
| Closing delay via spring release | | ms | 30 |

| | ms | 35 |
|----------------------------------|---|--|
| | | |
| | ms | 40 |
| | S | |
| Switching cycles (ON/ OFF) | | 10000 |
| Switching cycles (ON/ OFF) | | 20000. |
| Switching cycles (ON/ OFF) | | 5000 |
| Switching cycles (ON/ OFF) | | 10000. |
| | Ops./h | |
| Operations/h | | 60 |
| | | |
| | W | 600 |
| | | |
| | | |
| | kg | 43 |
| | | |
| | | |
| | | |
| | mm | 4 x 100 x 10 |
| | | 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. |
| | cycles (ON/ OFF) Switching cycles (ON/ OFF) Switching cycles (ON/ OFF) Switching cycles (ON/ OFF) | S Switching cycles (ON/ OFF) Switching cycles (ON/ OFF) Switching cycles (ON/ OFF) Switching cycles (ON/ OFF) Operations/h Operations/h Kg |

Design verification as per IEC/EN 61439

| Rated operational current for specified heat dissipation In A 4000 Equipment heat dissipation, current-dependent Pvid Ve 600 Operating ambient temperature min. °C -25 Operating ambient temperature max. °C 70 | Design vernication as per icu/civ 01455 | | | |
|---|--|------------------|----|--|
| Equipment heat dissipation, current-dependent Pride Weil Weil Weil Weil Weil Second Operating ambient temperature max. "C 5 7 7 102 Strength of materials and parts "C 5 7 7 102.2 Corrosion resistance Total stability of enclosures Meets the product standard's requirements. Meets the product standard's requirements. 102.3.2 Verification of thermal stability of enclosures Meets the product standard's requirements. Meets the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to abnormal head and if due to intrenal electric effects Meets the product standard's requirements. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. 102.5 Driction of ASSEMBLES Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 10.5 Protection against electric shock Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of Switching devices and componentis Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be | Technical data for design verification | | | |
| Operating ambient temperature min. Control 25 Operating ambient temperature max. °C 70 EVEN 61439 design verification °C 70 102.5 trength of materials and parts Metes the product standard's requirements. 102.2 Corrosion resistance Metes the product standard's requirements. Metes the product standard's requirements. 102.3.1 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Metes the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Metes the product standard's requirements. 102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects Metes the product standard's requirements. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.5 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 Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and crenep | Rated operational current for specified heat dissipation | I _n | А | 4000 |
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| EXPLAGE HARSH Generation Interview of materials and parts 10.22 Corrosion resistance Meets the product standard's requirements. 10.23.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.23.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.23.3 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.3 Verification of resistance of insulating materials to abnormal heat 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. 10.2.5 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 Does not apply, since the entire switchgear needs to be evaluated. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation | Operating ambient temperature min. | | °C | -25 |
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| 10.9 Insulation properties Image: Constraint of the panel builder's responsibility. 10.9.2 Power-frequency electric strength Image: Constraint of the panel builder's responsibility. 10.9.3 Impulse withstand voltage Image: Constraint of the panel builder's responsibility. | 10.7 Internal electrical circuits and connections | | | Is the panel builder's responsibility. |
| 10.9.2 Power-frequency electric strength Image: Comparison of the panel builder's responsibility. 10.9.3 Impulse withstand voltage Image: Comparison of the panel builder's responsibility. | 10.8 Connections for external conductors | | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | 10.9 Insulation properties | | | |
| | 10.9.2 Power-frequency electric strength | | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material 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 7.0

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

| Vision as minimancy-service sorthImage: service sorthService sorthService sorthVision as minimancy-service sorthImage: service sorthNoNoVision as enversing whichImage: service sorthNoNoVision as enversing whichImage: service sorthNoNoNumer of sorthImage: service sorthImage: service sorthNoNumer of sorthImage: service sorthImage: service sorthNoNumer of sorthImage: service sorthImage: service sorthNoRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthNoRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthRatid paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthNumber of paramet current at AC-32, 400 VImage: service sorthImage: service sorthImage: service sorthNumber of paramet current at AC-32, 400 V <td< th=""><th>[AKF000015])</th><th></th><th></th></td<> | [AKF000015]) | | |
|---|---|----|--|
| Version as serversing solutionImage: serversing solutionNoVersion as enversing solutionNoNoNumber of solutionsNoNoNumber of solutionsNoNoRated operation voltage Ue ACNoNoRated operation corrent AL-23, 400 VNoNoRated operation power at AC-3, 400 VNoNoRated operation power at AC-3, 400 VNoNoNumber of solution voltage Ue ACNoNoNumber of solution voltage Ue ACNoNoNumber of solution voltage Ue ACNoNoNumber of solution voltage Solution volta | Version as main switch | | Yes |
| Version as reversing switch No Version as reversing switch No Number of switches No Name of switches No Name of switches No Name of switches No Nate operation voltage UB AC No Rated operation voltage UB AC No Rated operation voltage LAC No Rated operation power at AC3, 400 V No Switch prevent at AC2, 400 V No Switch prevent at AC3, 400 V No Number of swithstand current ly No Number of swithstan current ly No | Version as maintenance-/service switch | | No |
| Name of switchs Non- bit of switchs Non- bit of switchs Max. rat doperation voltage le AC V 90 Rated operation voltage Le AC V 90 Rated permanent current VAC23, 400 V V 90 Rated operation power at AC23, 400 V V 90 Rated operation power at AC23, 400 V V 90 Statis short-focult current ly V 90 Number of sublishon-focult curre | Version as safety switch | | No |
| Number of switchsImage: space of | Version as emergency stop installation | | No |
| Nax. rate operation voltage UA C90Reted operating voltageV80-808Reted permanent current LAV400Reted permanent current at AC-23,400VVAReted operation power at AC-3,400VV0Reted operation power at AC-3,400VV0Reted operation power at AC-3,400VV80Number of power at AC-3,400VVNSwitch opewer at AC-3,400VVNNumber of power at AC-3,400VVNSwitch opewer at AC-3,400VVNNumber of power at AC-3,400VVNNumber of power at AC-3,400VVNSwitch opewer at AC-3,400VVNSwitch opewer at AC-3,400VVNNumber of power at AC-3,400VVNSwitch opewer at AC-3,400VNNSwitch opewer at AC-3,400VNN <td< td=""><td>Version as reversing switch</td><td></td><td>No</td></td<> | Version as reversing switch | | No |
| Reted permanent current lu V 80- 690 Reted permanent current lu A 400 Reted permanent current lu AC-23, 400 V A 0 Reted permanent current lu AC-23, 400 V A 0 Reted permanent current lu AC-23, 400 V A 0 Reted permanent current lu AC-23, 400 V K 0 Reted permanent current lu AC-23, 400 V K 0 Reted permanent current lu AC-23, 400 V K 0 Reted permanent current lu K 0 Statel operation power at AC-23, 400 V K 0 Statel operation power at AC-23, 400 V K 0 Statel operation power at AC-23, 400 V K 0 Number of poles K N 0 Number of auxiliary contacts as normally closed contact K 0 Number of auxiliary contacts as normally closed contact K 0 Number of auxiliary contacts as change-over contact K 0 Number of auxiliary contacts as change-over contact K N Number of auxiliary contacts as change-over contact K N Number of auxiliary contacts as change-over contact K N Statel of fort mounting 4-Dele K N Statel of fort mounting 4-Dele < | Number of switches | | |
| Act of parament current lu A 400 Rated parament current at AC-23, 400 V A Rated parament current at AC-21, 400 V G A Rated parament current at AC-23, 400 V G G Rated parament current at AC-23, 400 V G G Rated parament current low G M G Rated parament current low G G G Stricting wore at AC-23, 400 V G G G Conditioned rated short-circuit current lq M G G Number of auxiliary contacts as normally open contact M G G Number of auxiliary contacts as change-over contact G G G Number of auxiliary contacts as change-over contact G G G Number of auxiliary contacts as change-over contact G G G Number of auxiliary contact | Max. rated operation voltage Ue AC | V | 690 |
| Red permanent current at A2-23, 400 V A 0 Red permanent current at A2-21, 400 V A 0 Reted operation power at A2-3, 400 V KW 0 Reted operation power at A2-3, 400 V KW 0 Reted operation power at A2-23, 400 V KW 0 Switching power at 400 V KW 0 Switching power at 400 V KW 0 Conditioned rated short-circuit current low KW 0 Number of backling contacts an somally closed contact KW 0 Number of auxiliary contacts as normally closed contact M 0 Number of auxiliary contacts as normally closed contact M M Number of auxiliary contacts as normally closed contact M M Number of auxiliary contacts as normally closed contact M M Number of auxiliary contacts as change-over contact M M Number of auxiliary contacts as normally closed contact M M Notar of auxiliary contacts as normally closed contact M M Notar of auxiliary contacts as normally closed contact M M Notar of auxiliary contacts as normally closed contact M <td>Rated operating voltage</td> <td>V</td> <td>690 - 690</td> | Rated operating voltage | V | 690 - 690 |
| Red permanent current at A.2.1, 400 V Image: permanent current at A.2.1, 400 V Image: permanent current at A.2.3, 400 V | Rated permanent current lu | А | 4000 |
| Rate operation power at AC-3, 400 V VM 6 Rate do peration power at AC-33, 400 V VM 6 Switching power at 400 V VM 0 Conditioned rated short-circuit current Iq VM 87 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 Number of auxiliary contacts as normally copen contact FM 6 | Rated permanent current at AC-23, 400 V | А | |
| Rate door-time withstand current low Rate door and A-23, 400 V Reference on the second of the secon | Rated permanent current at AC-21, 400 V | А | 0 |
| Rate deperation power at AC:23,400 V VV 0 Switching power at 400 V VV 0 Conditioned rated short-circuit current lq VV 87 Number of poles 3 0 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as change-over contact VV 0 Number of auxiliary contacts as change-over contact VV 0 Number of auxiliary contacts as change-over contact VV 0 Number of auxiliary contacts as change-over contact VV V Number of auxiliary contacts as change-over contact VV 0 Number of auxiliary contacts as change-over contact VV VV Number of auxiliary contacts as change-over contact VV VV Number of auxiliary contacts as change-over contact VV VV Number of auxiliary contacts as change-over contact VV VV Number of auxiliary contacts as change-over contact VV VV Suitable for informounting Contro VV VV VV Suitable for informounting contre | Rated operation power at AC-3, 400 V | kW | 0 |
| Noticity power at 400 V NW 0 Conditioned rated short-circuit current lq KA 87 Number of poles 3 3 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as normally closed contact 6 0 Number of auxiliary contacts as change-over contact 6 0 Number of auxiliary contacts as change-over contact 6 0 Number of auxiliary contacts as change-over contact 6 0 Number of auxiliary contacts as change-over contact 6 9 9 Not drive integrated 6 6 8 | Rated short-time withstand current Icw | kA | 85 |
| Conditioned rated short-circuit current lq IM IB7 Number of poles IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | Rated operation power at AC-23, 400 V | kW | 0 |
| Number of plos 3 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as change-over contact 0 Number of auxiliary contacts as normally open contact 0 Number of auxiliary contacts as change-over contact 0 Number of auxiliary contacts as change-over contact Pen Stable for fort mounting centre Pen Stable for instribution beard instribution Pen Colar control element | Switching power at 400 V | kW | 0 |
| Number of auxiliary contacts as normally closed contact0Number of auxiliary contacts as normally open contact0Number of auxiliary contacts as normally open contact2Number of auxiliary contacts as change-over contact2Motor drive optionalVesNotor drive integratedVesNota drive integratedNoNotage release optionalVesNotage release optionalVesSuitable for ground mountingVesSuitable for ground mounting entreNoSuitable for drive integratedVesSuitable for drive integratedVesSuitable for drive integratedNoSuitable for drive integratedNoSuitable for drive integratedNoSuitable for drive integratedNoSuitable for drive integratedVesSuitable for drive integratedNoSuitable for intermediate mountingNoSuitable for intermediate mountingNo <t< td=""><td>Conditioned rated short-circuit current Iq</td><td>kA</td><td>187</td></t<> | Conditioned rated short-circuit current Iq | kA | 187 |
| Number of auxiliary contacts as normally open contactImage: Contact of auxiliary contacts as change-over contacts | Number of poles | | 3 |
| Number of auxiliary contacts as change-over contactPage of pair of pa | Number of auxiliary contacts as normally closed contact | | 0 |
| Motor drive optional Yes Motor drive integrated Yes Voltage release optional Suit- in device fixed built- in technique Device construction Suit- in device fixed built- in technique Suitable for ground mounting Yes Suitable for front mounting 4-hole Yes Suitable for front mounting centre No Suitable for intermediate mounting Yes | Number of auxiliary contacts as normally open contact | | 0 |
| Motor drive integrated No Votage release optional Ves Device construction Built-in device fixed built-in technique Suitable for ground mounting Ves Suitable for front mounting 4-hole Ves Suitable for front mounting centre Ves Suitable for fint mounting centre Ves Suitable for distribution board installation Ves Suitable for intermediate mounting Ves Suitable for fint mething Ves Suitable for distribution board installation Ves Suitable for intermediate mounting Ves < | Number of auxiliary contacts as change-over contact | | 2 |
| Votage release optional Yes Device construction Built-in device fixed built-in technique Suitable for ground mounting Yes Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation Yes Suitable for intermediate mounting Yes Colour control element Yes Type of control element Yes Type of electrical connection of main circuit Yes Device of protection (IP), front side Yes | Motor drive optional | | Yes |
| Device construction Built-in device fixed built-in technique Suitable for ground mounting Yes Suitable for front mounting 4-hole No Suitable for front mounting centre Yes Suitable for front mounting centre No Suitable for distribution board installation Yes Suitable for intermediate mounting Yes Colour control element Yes Type of control element Yes Interlockable Yes Type of electrical connection of main circuit Yes Degree of protection (IP), front side Yes | Motor drive integrated | | No |
| Suitable for ground mounting Yes Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation Yes Suitable for intermediate mounting Yes Type of control element Yes Interlockable Yes Type of electrical connection of main circuit Yes Degree of protection (IP), front side Yes | Voltage release optional | | Yes |
| Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Mo Colour control element No Type of control element Mo Interlockable Mo Type of electrical connection of main circuit Mo Degree of protection (IP), front side Interlockable | Device construction | | Built-in device fixed built-in technique |
| Suitable for front mounting centreImage: Solutable for distribution board installationImage: Solutable for distribution board installationNoSuitable for intermediate mountingImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingNoColour control elementImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingNoType of control elementImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingNoType of control elementImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingType of electrical connection of main circuitImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingDegree of protection (IP), front sideImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingSolutable for intermediate mountingImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingSolutable for intermediate mountingImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingType of electrical connection of main circuitImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingDegree of protection (IP), front sideImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingSolutable for intermediate mountingImage: Solutable for intermediate mountingImage: Solutable for intermediate mountingSolutable for intermediate mountingImage: Solutable for inter | Suitable for ground mounting | | Yes |
| Suitable for distribution board installation Yes Suitable for intermediate mounting No Colour control element Green Type of control element Push button Interlockable Yes Type of electrical connection of main circuit Yes Degree of protection (IP), front side Interlockable | Suitable for front mounting 4-hole | | No |
| Suitable for intermediate mounting Mo Solutable for intermediate mounting Mo Colour control element Green Type of control element Mo Interlockable Mo Type of electrical connection of main circuit Mo Degree of protection (IP), front side Mo | Suitable for front mounting centre | | No |
| Colour control element Figure of control element Green Type of control element Figure of electrical connection of main circuit Figure of electrical connection of main circuit Type of protection (IP), front side Figure of electrical connection circuit Figure of electrical connection circuit | Suitable for distribution board installation | | Yes |
| Type of control element Mark Push button Interlockable Mark Yes Type of electrical connection of main circuit Mark Rail connection Degree of protection (IP), front side Mark Imark | Suitable for intermediate mounting | | No |
| Interlockable Yes Type of electrical connection of main circuit Mail Degree of protection (IP), front side Image: Alexandre | Colour control element | | Green |
| Type of electrical connection of main circuit Image: Connection of main circuit Degree of protection (IP), front side Image: Connection of main circuit | Type of control element | | Push button |
| Degree of protection (IP), front side | Interlockable | | Yes |
| | Type of electrical connection of main circuit | | Rail connection |
| Degree of protection (NEMA) | Degree of protection (IP), front side | | IP31 |
| | Degree of protection (NEMA) | | |



