Miniature circuit breaker (MCB), 63 A, 3p+N, characteristic: C



Part no. PL7-C63/3N 264001

| Notitage type Rated operational voltage (Ue) - max Rated insulation voltage (Ui) Rated insulation voltage (Uimp) Rated impulse withstand voltage (Uimp) Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (IEN 60898) at 230 V Rated short-circuit breaking capacity (IEN 60898) at 240 V Rated short-circuit breaking capacity (IEN 60898) at 230 V Rated short-circuit breaking capacity (IEN 60898) at 230 V Rated short-circuit breaking capacity (IEN 60898) at 230 V Rated short-circuit breaking capacity (IEN 60894) at 230 V Rated short-circuit breaking capacity (IEN 60894) at 230 V Rated short-circuit breaking capacity (IEN 608947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rovervoltage category III Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Oegree of protection IP20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min | General specifications | |
|--|---|--------------------------------------|
| Product Langh (Nemb 71 milliments 72 milliments 72 milliments 73 mil | · | Eaton Moeller series xPole - PL7 MCB |
| Product Langh (Nemb 71 milliments 72 milliments 72 milliments 73 mil | Part no. | PL7-C63/3N |
| Product Vestight \$2 millimetre \$70 | EAN | |
| Product Vestight \$2 millimetre \$70 | Product Length/Depth | 71 millimetre |
| Product width 70.4 millimates Product Vergits 0.45 klagram Compliances Ress Sourfarm Product Tradename xPole - PL7 Product Type MCB Product Sto Type MCB Product Sto Type MCB Product Sto Type MCB Product Sto Type MCB Application sheet-Switchager for residential and commercial applications Number of poles (protected) 3 Proping characteristic C Cataget Stating S3 A Type of PLY McCataget Stating | | 82 millimetre |
| Product Type MCB Product Sub Type MCB Product Sub Type MCB Product Sub Type MCB Product Sub Type MCB Mone Product Sub Type MCB Mone MCB | | |
| Compliances RoHS confarm Product Tandemann April Carl Tandemann April Carl Tandemann April Carl Tandemann Mone M | Product weight | 0.456 kilogram |
| Product Type Product Sub Type Delivery program Application Application Application Application Application Application Number of poles Number of poles Number of poles [total] Aumber of poles [tota | Compliances | |
| Product Sab Type None Delivery program Switchgear for residential and commercial applications whole - Switchgear for residenti | Product Tradename | xPole - PL7 |
| Delivery program Application Application Application Number of poles Number of poles Number of poles (Three-gole + N Number of poles (total) Number of poles (total) Number of poles (total) Number of poles (protected) 3 Iripian characteristic C Release characteristic Ampurage Rating Type Type AC Rated poles (protected) AC Rated operational voltage (IL) Rated operational voltage (IL) Frequency rating - min Delicated benefit breaking capacity (IEC 60847-2) at 230 V Delicated benefit breaking capacity (IEC 60847-2) at 230 V Delicated benefit breaking capacity (IEC 60847-2) at 230 V Delicated benefit breaking capacity (IEC 60847-2) at 230 V Delicated breaking capacity (IEC 60847-2) at 230 V Delicated breaking capacit | Product Type | MCB |
| Application Number of poles Number of poles Three-pole + N Number of poles (Three-pole + N) Number of poles (protected) 1 ripping characteristic C Amperage Rating (b) 63 A (b) 64 A Number of poles (Poles (P | Product Sub Type | None |
| Application Number of poles Number of poles Three-pole + N Number of poles (Three-pole + N) Number of poles (protected) 1 ripping characteristic C Amperage Rating (b) 63 A (b) 64 A Number of poles (Poles (P | Delivery program | |
| Number of poles (total) Number of poles (total) Number of poles (total) Number of poles (total) Number of poles (protected) Release characteristic C Release characteristic C Amparage Rating Type Miniature circuit broaker PL7 Tochnical Data - Electrical Voltage type ABaded operational voltage (Ue) - max ABaded operational voltage (Ui) - max ABaded operational voltage (Ui) Rated insulation voltage (Ui) Rated insulation voltage (Ui) Rated insulation voltage (Ui) Rated short-circuit broaker (PEQENDERS) Rated short-circuit broaking capacity (EC 68987-2) at 400 V Rated short-circuit breaking capacity (EC 68947-2) at 230 V Rated short-circuit breaking capacity (IEC 68947-2) at 230 V Rated short-circuit breaking capacity (IEC 68947-2) at 240 V Routed Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor crass section (solid-core) - min Connectable conductor crass section (solid-core) - max Connectable conductor crass section (solid-core) - max Connectable conductor crass section (solid-core) - max Connectable conductor crass section (multi-wired) - max Connectable conductor crass section (multi-wired) - max Connectable conductor crass section (solid-core) - max Connectable conductor crass section (multi-wired) - max Connectable conductor crass se | | |
| Number of poles (protected) Tripping characteristic Release characteristic Release characteristic Release characteristic Type Sa A Amperage Rating Type Tochnical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated insulation voltage (Ui) - max Rated insulation voltage (Ui) - max Rated insulation voltage (Uimp) Frequency rating - min Frequency rating - min Frequency rating - min Rated switching capacity (EC/EN 80898-1) Rated switching capacity (EC/EN 80898-1) Rated short-circuit breaking espacity (EN 80898) at 200 V Rated short-circuit breaking espacity (EC 80997-2) at 200 V Rated short-circuit breaking espacity (EC 80997-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Bulli- ndepth Degree of protection Connectable conductor cross section (nulli-wired) - min Connectable conducto | Number of poles | |
| Tripping characteristic C C | Number of poles (total) | 4 |
| Release characteristic Amperage Rating Type Retained Ret | Number of poles (protected) | 3 |
| Amperago Rating Type Ministrue circuit breaker | Tripping characteristic | С |
| Tochnical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated operational voltage (Ui) Rated impulse withstand voltage (Uii) Rated impulse withstand voltage (Uiii) Rated impulse withstand voltage (Uiiii) Rated impulse withstand voltage (Uiiii) Rated impulse withstand voltage (Uiiii) Rated simpulse withstand voltage (Uiiiii) Rated simpulse withstand voltage (Uiiiiii) Rated simpulse withstand voltage (Uiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii | Release characteristic | С |
| Technical Data - Electrical Voltage type Rated operational voltage (Ue) - max Rated operational voltage (Um) Rated impulse withstand voltage (Ump) Rated impulse withstand voltage (Ump) Rated impulse withstand voltage (Ump) Frequency rating - min Frequency rating - max Rated short-circuit breaking capacity (EC 60947-2) at 230 V Rated short-circuit breaking capacity (EC 60947-2) at 400 V Rated short-circuit breaking capacity (EC 60947-2) at 400 V Rated short-circuit breaking capacity (EC 60947-2) at 400 V Roveroltage category Pollution degree Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent Poly to the proper of the pole, current-dependent Poles of the proper of the proper of the pole, current-dependent Poles of the proper of the proper of the pole, current-dependent Poles of the proper of | Amperage Rating | 63 A |
| Notage type Rated operational voltage (Ue) - max Rated insulation voltage (Uii) Rated insulation voltage (Uimp) 440 V Rated insulation voltage (Uimp) 44V Frequency rating - min Frequency rating - max Rated short-circuit breaking capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (IEC 60898-1) Rated short-circuit breaking capacity (IEC 60894-2) at 230 V Rated short-circuit breaking capacity (IEC 60894-2) at 400 V Rated short-circuit breaking capacity (IEC 60894-2) at 400 V Rated short-circuit breaking capacity (IEC 60894-2) at 400 V Rovervoltage category Pollution degrae Technical Data - Mechanical Width in number of modular spacings 4 Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectabl | Туре | |
| Rated operational voltage (Ue) - max 400 V Rated insulation voltage (Uii) 440 V Frequency rating - min 50 Hz Frequency rating - max 60 Hz Rated switching capacity (IEC/EN 80898-1) 10 kA Rated short-circuit breaking capacity (EN 60898) at 230 V 10 kA Rated short-circuit breaking capacity (EN 60898) at 400 V 10 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 400 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 200 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rotel short-circuit break | Technical Data - Electrical | |
| Rated insulation voltage (Uii) Rated impulse withstand voltage (Uimp) Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60847-2) at 230 V Rated short-circuit breaking capacity (IEC 60847-2) at 400 V Rated short-circuit breaking capacity (IEC 60847-2) at 400 V Reted short-circuit breaking capacity (IEC 60947-2) at 400 V Reted short-circuit bre | Voltage type | AC |
| Rated impulse withstand voltage (Uimp) Frequency rating - min Frequency rating - max Freque | Rated operational voltage (Ue) - max | 400 V |
| Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (IEN 60898) at 230 V Rated short-circuit breaking capacity (IEN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - max Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent Poly Connectable conductor cross section (solid-core) - section (solid-space) Rated operational current for specified heat dissipation (In) | Rated insulation voltage (Ui) | 440 V |
| Frequency rating - max Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent | Rated impulse withstand voltage (Uimp) | 4 kV |
| Rated switching capacity (IEC/EN 60898-1) Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (IEN 60898) at 400 V Rated short-circuit breaking capacity (IEN 60898) at 400 V Rated short-circuit breaking capacity (IEN 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 200 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 10 kA 10 | Frequency rating - min | 50 Hz |
| Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 10 kA 10 | Frequency rating - max | 60 Hz |
| Rated short-circuit breaking capacity (EK 60898) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (multi-wired) - max Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 10 kA 0 | Rated switching capacity (IEC/EN 60898-1) | 10 kA |
| Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category III Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection P20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent O kA | Rated short-circuit breaking capacity (EN 60898) at 230 V | 10 kA |
| Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max Connectable conductor cross section (multi-wired) - max Engree of protection as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent O kA III A 4 4 4 4 4 4 4 70.5 mm IP20 25 mm² 25 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent O W | Rated short-circuit breaking capacity (EN 60898) at 400 V | 10 kA |
| Overvoltage category Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings Built-in depth Degree of protection IP20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Tonnectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent III 7.5 mm 7.5 mm 1 mm² 25 mm² 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent | Rated short-circuit breaking capacity (IEC 60947-2) at 230 V | 0 kA |
| Pollution degree 2 Technical Data - Mechanical Width in number of modular spacings 4 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 1 mm² Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - min 25 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Rated short-circuit breaking capacity (IEC 60947-2) at 400 V | 0 kA |
| Width in number of modular spacings 4 Built-in depth Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 0 W | Overvoltage category | III |
| Width in number of modular spacings Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Pollution degree | 2 |
| Built-in depth Degree of protection IP20 Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Technical Data - Mechanical | |
| Degree of protection Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Width in number of modular spacings | 4 |
| Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Built-in depth | 70.5 mm |
| Connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min Connectable conductor cross section (multi-wired) - max 25 mm² 25 mm² 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 0 W | Degree of protection | IP20 |
| Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Connectable conductor cross section (solid-core) - min | 1 mm ² |
| Connectable conductor cross section (multi-wired) - max Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 25 mm² 63 A 0 W | Connectable conductor cross section (solid-core) - max | 25 mm ² |
| Design verification as per IEC/EN 61439 - technical data Rated operational current for specified heat dissipation (In) Heat dissipation per pole, current-dependent 0 W | Connectable conductor cross section (multi-wired) - min | 1 mm ² |
| Rated operational current for specified heat dissipation (In) 63 A Heat dissipation per pole, current-dependent 0 W | Connectable conductor cross section (multi-wired) - max | 25 mm² |
| Heat dissipation per pole, current-dependent 0 W | Design verification as per IEC/EN 61439 - technical data | |
| | Rated operational current for specified heat dissipation (In) | 63 A |
| Equipment heat dissipation, current-dependent 17.7 W | Heat dissipation per pole, current-dependent | 0 W |
| | Equipment heat dissipation, current-dependent | 17.7 W |

| Static heat dissipation, non-current-dependent | 0 W |
|--|--|
| Heat dissipation capacity | 0 W |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 75 °C |
| Design verification as per IEC/EN 61439 | |
| 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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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. |
| 10.9.2 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 b 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. |
| dditional information | |
| Current limiting class | 3 |
| Features | Concurrently switching N-neutral Additional equipment possible |
| Special features | Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity |
| Used with | Miniature circuit breaker PL7 |

Technical data ETIM 8.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss10.0.1-27-14-19-01 [AAB905014])

| (eci@ss10.0.1-27-14-19-01 [AAB905014]) | | | |
|--|----|--------|----|
| Built-in depth | mr | n 70.5 | |
| Release characteristic | | С | |
| Number of poles (total) | | 4 | |
| Number of protected poles | | 3 | |
| Rated current | А | 63 | |
| Rated voltage | V | 400 | |
| Rated insulation voltage Ui | V | 440 | |
| Rated impulse withstand voltage Uimp | kV | 4 | |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V $$ | kA | 10 | |
| Voltage type | | AC | |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V $$ | kA | 10 | |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V | kA | 0 | |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V $$ | kA | 0 | |
| Frequency | Hz | 50 - 6 | 60 |
| Current limiting class | | 3 | |
| | | | |

| Flush-mounted installation | | | No |
|---|---|-----|----------|
| Concurrently switching neutral conductor | | | Yes |
| Over voltage category | | | 3 |
| Pollution degree | | | 2 |
| Additional equipment possible | | | Yes |
| Width in number of modular spacings | | | 4 |
| Degree of protection (IP) | | | IP20 |
| Ambient temperature during operating | o | °C | -25 - 75 |
| Connectable conductor cross section multi-wired | r | mm² | 1 - 25 |
| Connectable conductor cross section solid-core | r | mm² | 1 - 25 |
| Explosion-proof | | | No |