DATASHEET - PFIM-63/4/05-MW

Residual current circuit breaker (RCCB), 63A, 4p, 500mA, type AC



Part no.

PFIM-63/4/05-MW 235417

| Voltage rating 20 V AC / 400 V AC Rated operational voltage (Up) - max 40 V Rated insulation voltage (Uin) 40 V Rated insulation voltage (Uinp) 40 V Rated fault current - min 55 A Rated fault current - max 54 5 Frequency rating 50 Hz Short-circuit rating 50 Hz Short-circuit rating 50 A Rated short-time withstand current (low) 50 A Rated short-time withstand current (low) 50 A Rated short-time withstand current (low) 50 A Surge current tapacity 60 A Rated short-time withstand current (low) 50 A Surge current capacity 50 A Pollution degree 20 SA A Lifespan, electrical 20 SA A Yordth in number of modular spacings 50 A Muintin Munber of undus) 70 B Built-in width (number of undus) 70 B Built-in width (number of undus) 70 Tomm (4 SU) | General specifications | |
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| EM0100000000000000000000000000000000000 | Product name | Eaton Moeller series xPole - PFIM Type AC, A, U, R RCCB |
| Predict langk-flaght Billinetre Predict triaght Smillinetre Predict triaght Smillinetre Predict triaght Statiggam Comfigations Statiggam Comfigations Statiggam Predict Tradexam Statiggam Predict Tradxam | Part no. | PFIM-63/4/05-MW |
| Poduct heigh Poduct weigh Poduct weigh Dominisers Compliances Dominisers Compliances MMS contern Compliances MMS contern Poduct Weigh EECEN 1080 Poduct Type BCCB Poduct Sub Type BCCB Poduct Sub Type BCCB Poduct Sub Type BCCB Poduct Sub Type BCCB Poduct Type Type BCCB Poduct Sub Type BCCB Poduct Type Type BCCB Poduct Type Type Basical current circuit tyre Arr for residential and commercial applications Application BCCB Poduct Type Type Book Compliances Basical Current Circuit threaker for residential and commercial applications Static tarrent ration BCCB Marger Sub | EAN | 4015082354176 |
| Product wordsh Product wordsh L35 klaguam Product wordsh L35 klaguam Cattications L35 klaguam Product Twomame Product Social Product Twomame Product Social Product Twomame Product Social Product Son Type Product Social Product Social Type Product Social Soci | Product Length/Depth | 80 millimetre |
| Preduct weight Gash klogram Generations RelS conform Certifications RelS conform Product Tadeama Preduct Tadeama Amperage Raing Rains Amort circuit strength Amperage Raing Salama Rains Amort circuit strength Salama Samitoki type RelMa Amort circuit strength Samitoki type RelMa Amort circuit strength Rains station circuit strength Salama Samitoki type RelMa Amort circuit strength Rains station circuit strength Salama Rains station circuit strength Sala Carrent circuit breakers Rai | Product height | 76 millimetre |
| Compliance Read Scription Compliance ECEN 61008 Product Trademane SPale - PRM type A, A, U, B Product Staftspin SPale - PRM type A, A, U, B Product Staftspin SPale - PRM type A, A, U, B Product Staftspin SPale - PRM type A, A, U, B Product Staftspin SPale - PRM type A, A, U, B Product Staftspin SPale - PRM type A, A, U, B Product Staftspin SPale - PRM type A, A, U, B Product Staftspin SPale - Switchpart A, Commercial applications Product Staftspin Spale - Switchpart for residential and commercial applications Number of poles Spale - Switchpart for residential and commercial applications Rated stort-storal storage Spale - Switchpart for residential and commercial applications Rated stort-storal storage Spale - Switchpart Storage Induce witch storage Spale - Switchpart Storage Type Spale - Switchpart Storage Type Spale - Switchpart Storage Nated residual current for traitstaft storage Spale - Switchpart Storage Rated storage - Storage Spale - Switchpart Storage Rated storage - Storage S | Product width | 70 millimetre |
| Image: Continuition of a continue of a co | Product weight | 0.351 kilogram |
| Preduct Tadename Preduct Spin Preduct Spin Preduct Spin RCCB Preduct Spin Spin RCCB Preduct Spin Spin Residual current circuit breaker for residential and commercial applications about Spin Spin Spin Spin Spin Spin Spin Spin | Compliances | RoHS conform |
| Product Type RCCB Product Sub Type None Dolivary program None Application Reschal current circuit broaker for residential and commorcial applications Number of poles Four-spele Tripping time Status Current circuit broaker for residential and commorcial applications Apporage Rating Status Current circuit broaker for residential and commorcial applications Paule current circuit strength Status Current canonic Fuel current canonic Status Current sensitive Sessitivity type Status Current sensitive Yolkage rating Status Current sensitive Ration sensitive type Status Current sensitive Yolkage rating Status Current sensitive Ration sensitive type Status Current sensitive Yolkage rating Status Current sensitive Ration sensitive type Status Current sensitive Ration sensitive types curent type Status Curent sensitive | Certifications | IEC/EN 61008 |
| Product So Pape Nome Porduct So Pape Nome Oblivery program Residual current circuit breaker for residential and commercial applications Application Nome for poles Tripping fune Nome for poles Amperage Sining SA Reade short-circuit strength SA Band short-circuit strength SA Sensitivity type SO Pathogene Sining Read short-circuit strength SO Pathogene Sining Sensitivity type So Pathogene Sining Sensitivity type So Pathogene Sining Sensitivity type Pathogene Sining Sonathing type Sining So Pathogene Sining Sonathing type Sining Sonathing type Sining Read sinin | Product Tradename | xPole - PFIM Type AC, A, U, R |
| Delivery program Perform Application Restance of circuit Presidential and commercial applications Arybole - Switcher for residential and commercial applications Number of poles Four-pole Traping time Four-pole Amperage Rating Bole AA Angeag Rating Bole AA Fault current rating Bole AA Sensitivity type Bole AA Impulse withstand current PHM Application PHM Rest dots-rickits trength Sontact current circuit trength Rest dots-rickits trength Sontact current circuit trength Rest dots-rickits trength Sontact current circuit trength < | Product Type | RCCB |
| Application Relative current circuit breaker for residential and commercial applications Number of poles Four-pole Tripping time Four-pole Amperage Rsting Four-pole Rated short-circuit strength Four-pole Faild current rating Four-pole Sensitivity type Four-pole Implies withstand current Four-pole Type Pole Toping arxing Pole Number of models arxing Pole Toping arxing Pole Rated short-circuit strength Pole Voltage rating Pole Rated short-circuit strength Pole Voltage rating Pole Rated short-circuit breakers Pole Voltage rating Pole Rated short-circuit breakers Pole Rated short-circuit breakers Pole Rated short-circuit short-circuit breakers Pole Rated short-circuit | Product Sub Type | None |
| Application Relative current circuit breaker for residential and commercial applications Number of poles Four-pole Tripping time Four-pole Amperage Rsting Four-pole Rated short-circuit strength Four-pole Faild current rating Four-pole Sensitivity type Four-pole Implies withstand current Four-pole Type Pole Toping arxing Pole Number of models arxing Pole Toping arxing Pole Rated short-circuit strength Pole Voltage rating Pole Rated short-circuit strength Pole Voltage rating Pole Rated short-circuit breakers Pole Voltage rating Pole Rated short-circuit breakers Pole Rated short-circuit breakers Pole Rated short-circuit short-circuit breakers Pole Rated short-circuit | Delivery program | |
| Tripping ime Non-delayed Apperage Rating 63 A Rated short-circuit strength 63 A Fulk current rating 50 A Sensitivity type Current sensitive Impulse withstand current Partly surge-proof 250 A Type Prime Sensitivity type Tochnical Date - Electrical Prime Sensitivity type Tochnical Date - Electrical 200 V AC / 400 V AC Rated operational voltage (Uo) - max 400 V Rated operational voltage (Ui) - max 65 A Rated insulation voltage (Ui) 65 A Rated insulation voltage (Ui) 65 A Rated short-time max 65 A Rated short-circuit rating 65 A Leakage current - min 65 A Rated short-circuit rating 65 A Leakage current type AC Rated short-circuit ratinge 65 A | | |
| Angerage Rating Bit Rel Bit Rel Rated short-circuit strength D kA Fautu current rating 500 mA Sensitivity type Current sensitive Impulse withstand current Privity surge-prof 250 A Type Privity surge-prof 250 A Type Privity surge-prof 250 A Tothnical Data - Electrical Privity surge-prof 250 A Votage rating 250 V AC / 400 V AC Rated radio current - min 250 V AC / 400 V AC Rated radio votage (Uinp) 440 V Rated fault current - min 5.5 A Rated fault current + max 5.6 A <t< td=""><td>Number of poles</td><td>Four-pole</td></t<> | Number of poles | Four-pole |
| Rated stort-circuit strength 10 kA Fault current rating 500 mA Sensitivity type 600 mA Impulse withstand current Partly surge-prod 250 A Type Partly surge-prod 250 A Type Residual current circuit breakers Yoltage rating 230 V AC / 400 V AC Rated insulation voltage (U) 230 V AC / 400 V AC Rated insulation voltage (U) 440 V Rated fault current - min 50 A Rated fault current - max 600 Opopa | Tripping time | Non-delayed |
| Fault current rating Sol MA Sensitivity type AC current sensitive Impulse withstand current Parity surge-groot 250 A Type PfIM Basidual current circuit breakers Basidual current circuit breakers Toblage rating 200 VAC / 400 VAC Rated insulation voltage (U) 400 V Rated insulation voltage (Uinp) 400 V Rated insulation voltage (Uinp) 400 V Rated insulation voltage (Uinp) 65 A Rated insulation voltage (Uinp) 05 A Rated fault current - min 05 A Rated ratic current max 05 A Short-circuit rating 64 A gol/gL Rated ratic current max 64 A gol/gL Rated ratic current max 64 A gol/gL Rated ratic current max 64 A gol/gL Rated rational working capacity 64 A gol/gL Rated rational making and brakeng capacity 64 A gol/gL Rated rational making and brakeng capacity 64 A gol/gL Rated rational making and brakeng capacity 64 A gol/gL Stringencical 72 KA Pollution degr | Amperage Rating | 63 A |
| Sensitivity type AC current sensitive impulse withstand current Parity surge-proof 250 A Type PFIM Restidual current circuit breakers Type AC Voltage rating 200 V AC / 400 V AC Rated operational voltage (Ue) - max 400 V Rated inpulse withstand voltage (Uin) 400 V Rated fault current - min 0.5 A Rated fault current - max 0.5 A Rated fault current - max 0.5 A Rated fault current type 630 A Rated rasidual making and breaking capacity 630 A Admissible back-up fuses overload - max 630 A Rated fault current (Icw) 50 K Rated fault current (Icw) 0.5 A Rated fault current type 630 A Rated fault current type 630 A Rated fault current (Icw) 0.5 A Surge current capacity 0.5 A Rated fault current type 630 A Rated fault current flow 630 A Rated fault current (Icw) 0.5 A Surge current capacity 0.5 A Pollucion degree 0.5 A <t< td=""><td>Rated short-circuit strength</td><td>10 kA</td></t<> | Rated short-circuit strength | 10 kA |
| Impulse withstand current Partly surge-proof 250 A Type FFIM Type FFIM Formational current circuit breakers FFIM Votage rating 230 V AC / 400 V AC Rated operational votage (Uo) - max 230 V AC / 400 V AC Rated insulation votage (Uinp) 400 V Rated insulation votage (Uinp) 400 V Rated fault current - min 0.5 A Rated fault current - max 0.5 A Short-circuit rating 0.5 A Short-circuit rating 0.5 A Rated fault current (trow) 630 A Rated fault current (trow) 630 A Rated fault current (trow) 200 V Rated fault current (trow) 0.5 A Rated fault current (trow) 0.5 A Rated fault current (trow) 0.5 A Super-current type 0.5 A Rated rabing and breaking capacity 0.5 A Admissible back-up fuse overload - max 40.4 G/g/uL Rated rabing and breaking capacity 0.5 A Rated rabing current (trow) 0.5 A Sug current capacit | Fault current rating | 500 mA |
| Type PFIM Residual current circuit breakers rechnical Data - Electrical PFIM Residual current circuit breakers rechnical Data - Electrical Voltage rating 230 V AC / 400 V AC Rated operational voltage (Up) 400 V Rated insulation voltage (Uip) 400 V Rated insulation voltage (Uip) 400 V Rated insulation voltage (Uip) 605 A Rated fault current - min 05 A Rated fault current - max 05 A Short-circuit rating 05 A Leakage current type 50 Hz Rated residual making and breaking capacity 50 Hz Rated residual making and breaking capacity 605 A Rated residual making and breaking capacity 50 Hz Rated residual making and breaking capacity 50 Hz Rated residual making and breaking capacity 60 K Surge current tage 60 K VAC - 456 V AC Pollution degree 22 k kA Lifespan, electrical 400 operations Frame 50 Fm Width in number of modular spacings 50 Fm Built-in width funder of modular spacings 61 Ma Built | Sensitivity type | AC current sensitive |
| Technical Data - Electrical Figure atting Figure atting Notage rating 20 V AC / 400 V AC Rated operational voltage (Ue) - max 400 V Rated insulation voltage (Uin) 440 V Rated insulation voltage (Uin) 540 AC / 400 V AC Rated fault current - min 550 AC Rated fault current - max 550 AC Frequency rating 550 AC Short- circuit rating 500 AC Rated fault current vpe 530 AC Rated source turrent type 530 AC Rated short-time withstand current (low) 530 AC Store current type 530 AC Rated short-time withstand current (low) 530 AC Surge current type 530 AC Rated short-time withstand current (low) 500 AC Surge current capacity 500 AC Admissible back-up fuse overload - max 500 AC Pollution degree 101 AC Iterpan, electrical 500 AC Pollution degree 2 Iterpan, electrical 500 AC Pollution degree 2 Frame 6000 operations Built-in widt | Impulse withstand current | Partly surge-proof 250 A |
| Voltage rating 20 V AC / 400 V AC Rated operational voltage (Up) - max 40 V Rated insulation voltage (Uin) 40 V Rated insulation voltage (Uinp) 40 V Rated fault current - min 55 A Rated fault current - max 54 5 Frequency rating 50 Hz Short-circuit rating 50 Hz Short-circuit rating 50 A Rated short-time withstand current (low) 50 A Rated short-time withstand current (low) 50 A Rated short-time withstand current (low) 50 A Surge current tapacity 60 A Rated short-time withstand current (low) 50 A Surge current capacity 50 A Pollution degree 20 SA A Lifespan, electrical 20 SA A Yordth in number of modular spacings 50 A Muintin Munber of undus) 70 B Built-in width (number of undus) 70 B Built-in width (number of undus) 70 Tomm (4 SU) | Туре | Residual current circuit breakers |
| Rate operational voltage (Ue) - max 400 V Rated insulation voltage (Uin) 400 V Rated insulation voltage (Uinp) 400 V Rated fault current - min 0.5 A Rated fault current - max 0.5 A Frequency rating 0.5 A Short-circuit rating 0.5 A Leakage current type 630 A Rated residual making and breaking capacity 630 A Admissible back-up fuse overload - max 600 V Surge current capacity 630 A Rated short-time withstand current (Icw) 0.5 KA Surge current capacity 0.5 KA Pollution degree 2 Lifespan, electrical 2 Frame 45 M Width in number of modular spacings 64 S Built-in width (number of units) 64 S Built-in width (number of units) 64 S Built-in depth 70.5 m | Technical Data - Electrical | |
| Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4kV Rated fault current - min 0.5 A Rated fault current - max 0.5 A Frequency rating 50 Hz Short-circuit rating 600 A Rated residual making and breaking capacity 600 A Admissible back-up fuse overload - max 40 V Surge current type 600 A Rated short-time withstand current (lcw) 600 A Surge current capacity 10 kA Pollution degree 22 kA Iterscincial Data - Mechanical 6000 operations Width in number of modular spacings 61 mm Buiki-in depth 61 mm (A SU) Buiki-in depth 70 mm (A SU) | Voltage rating | 230 V AC / 400 V AC |
| Rated impulse withistand voltage (Uimp) k kV Rated fault current - min 0.5 A Rated fault current - max 0.5 A Frequency rating 50 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 630 A Admissible back-up fuse overload - max 40 A g/g/L Rated short-time withstand current (Icw) 10 kA Surge current capacity 10 kA Pollution degree 2 Lifespan, electrical 400 operations Width in number of modular spacings 45 mm Built-in with fundber of units) 61 mm (A SU) Built-in depth 70 smm | Rated operational voltage (Ue) - max | 400 V |
| Rated fault current - min 0.5 Å Rated fault current - max 0.5 Å Frequency rating 0.5 Å Short-circuit rating 50 Hz Short-circuit rating 63 Å (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 630 Å Admissible back-up fuse overload - max 40 Å g6/gL Rated short-time withstand current (low) 10 kÅ Surge current capacity 10 kÅ Pallution degree 2 Lifespan, electrical 1000 operations Frame 45 mm Witht in number of modular spacings 45 mm Built-in with (number of units) 70 mm (4 SU) Built-in depth 70 mm (4 SU) | Rated insulation voltage (Ui) | 440 V |
| Rated fault current - max 0.5 A Frequency rating 50 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type 630 A Rated residual making and breaking capacity 630 A Admissible back-up fuse overload - max 606 J Rated short-time withstand current (lcw) 0.5 A Surge current capacity 0.5 A Test circuit range 0.5 A Pollution degree 196 V AC - 456 V AC Ifespan, electrical 4000 operations Frame 4000 operations With in number of modular spacings 64 Sm Built-in with funmber of units) 70 mm (4 SU) Built-in depth 70.5 mm | Rated impulse withstand voltage (Uimp) | 4 kV |
| Frequency rating 50 Hz Short-circuit rating 50 Hz Leakage current type 63 A (max. admissible back-up fuse) Rated residual making and breaking capacity 630 A Admissible back-up fuse overload - max 600 A Rated short-time withstand current (lcw) 10 kA Surge current capacity 025 kA Test circuit range 960 VA C - 456 V AC Pollution degree 2 Lifespan, electrical 960 VA C - 456 V AC Frame 4000 operations Width in number of modular spacings 45 mm Built-in width (number of units) 010 mm (4 SU) Built-in kidth (number of units) 10 kA | Rated fault current - min | 0.5 A |
| Short-circuit rating 63 (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 630 A Admissible back-up fuse overload - max 60 A G/g/L Rated short-time withstand current (lcw) 10 kA Surge current capacity 025 kA Test circuit range 196 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 900 operations Frame 45 mm Width in number of modular spacings 45 mm Buit-in width (number of units) 10 kA Buit-in width (number of units) 10 kA Buit-in depth 00 nom (4 SU) Mounting Method 10 kA | Rated fault current - max | 0.5 A |
| Leakage current type AC Rated residual making and breaking capacity 60 A Admissible back-up fuse overload - max 40 A gG/gL Rated short-time withstand current (lcw) 10 kA Surge current capacity 025 kA Test circuit range 196 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 000 operations Frame 40 Moulting Method Width in number of modular spacings 5 Man Built-in width (number of units) 6 Man Built-in depth 70 mm (4 SU) Mounting Method 01 Narial | Frequency rating | 50 Hz |
| Rated residual making and breaking capacity 630 A Admissible back-up fuse overload - max 40 A gG/gL Rated short-time withstand current (lcw) 10 kA Surge current capacity 0.25 kA Test circuit range 96 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 4000 operations Frame 4000 operations Width in number of modular spacings 50 mm Built-in width (number of units) 70 mm (4 SU) Built-in depth 10 kA Mounting Method 10 kA | Short-circuit rating | 63 A (max. admissible back-up fuse) |
| Admissible back-up fuse overload - max 40 A gG/gL Bated short-time withstand current (lcw) 10 kA Surge current capacity 0.25 kA Test circuit range 196 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 4000 operations Test me 450 mm Width in number of modular spacings 640 mm Built-in width (number of units) 70 mm (4 SU) Built-in depth 10 km Mounting Method 10 km | Leakage current type | AC |
| Rated short-time withstand current (lcw) Image: Constant capacity Image: Constant capacity Surge current capacity 0.25 kA Test circuit range Image: Constant capacity Pollution degree Image: Constant capacity Lifespan, electrical 4000 operations Technical Data - Mechanical Image: Constant capacity Frame Image: Constant capacity Width in number of modular spacings Image: Constant capacity Built-in width (number of units) Image: Constant capacity Built-in depth Image: Constant capacity Mounting Method Image: Constant capacity | Rated residual making and breaking capacity | 630 A |
| Surge current capacity 0.25 kA Test circuit range 0.25 kA Pollution degree 196 V AC - 456 V AC Lifespan, electrical 2 Technical Data - Mechanical 4000 operations Frame 45 mm Width in number of modular spacings 64 6 Built-in width (number of units) 70 mm (4 SU) Built-in depth 70.5 mm Mounting Method DIN rail | Admissible back-up fuse overload - max | 40 A gG/gL |
| Test circuit range 196 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 4000 operations Technical Data - Mechanical 4000 operations Frame 45 mm Width in number of modular spacings 6 4 Built-in width (number of units) 70 mm (4 SU) Built-in depth 00 mm (4 SU) Mounting Method 01 m ail | | |
| Pollution degree 2 Lifespan, electrical 4000 operations Technical Data - Mechanical 45 mm Frame 4 Width in number of modular spacings 6 Built-in width (number of units) 70 mm (4 SU) Built-in depth 70.5 mm Mounting Method IN rail | | |
| Lifespan, electrical Mode operations Technical Data - Mechanical Mode operations Frame Mode operations Width in number of modular spacings Mode operations Built-in width (number of units) Mode operations Built-in depth Mode operations Mounting Method Mode operations | - | |
| Technical Data - Mechanical Image: Mathematical State Frame 45 mm Width in number of modular spacings 4 Built-in width (number of units) 70 mm (4 SU) Built-in depth 70.5 mm Mounting Method Image: Mathematical State | - | |
| Frame Mode Width in number of modular spacings Mode Built-in width (number of units) Mode Built-in depth Mode Mounting Method Mode | | 4000 operations |
| Width in number of modular spacings Multiple Built-in width (number of units) Multiple Built-in depth Multiple Mounting Method Multiple | Technical Data - Mechanical | |
| Built-in width (number of units) Image: Comparison of the comparison of | Frame | 45 mm |
| Built-in depth Image: Constraint of the second se | Width in number of modular spacings | 4 |
| Mounting Method DIN rail | Built-in width (number of units) | 70 mm (4 SU) |
| | Built-in depth | 70.5 mm |
| | Mounting Method | DIN rail Quick attachment with 2 latch positions for DIN-rail IEC/EN 60715 |

| Degree of protection | IP20, IP40 with suitable enclosure IP20 |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Terminals (top and bottom) | Open mouthed/lift terminals |
| Terminal capacity (solid wire) | 1.5 mm ² - 35 mm ² |
| Connectable conductor cross section (solid-core) - min | 1.5 mm ² |
| Connectable conductor cross section (solid-core) - max | 35 mm ² |
| Terminal capacity (stranded cable) | 16 mm ² (2x) |
| Connectable conductor cross section (multi-wired) - min | 1.5 mm ² |
| Connectable conductor cross section (multi-wired) - max | 16 mm ² |
| Terminal protection | Finger and hand touch safe, DGUV VS3, EN 50274 |
| Busbar material thickness | 0.8 mm - 2 mm |
| Lifespan, mechanical | 20000 operations |
| | -35 °C |
| Permitted storage and transport temperature - min | 60 °C |
| Permitted storage and transport temperature - max | |
| Climatic proofing | 25-55 °C / 90-95% relative humidity according to IEC 60068-2 |
| 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 |
| Equipment heat dissipation, current-dependent | 10.5 W |
| Static heat dissipation, non-current-dependent | 0 W |
| Heat dissipation capacity | 0 W |
| Ambient operating temperature - min | -25 °C |
| Ambient operating temperature - max | 60 °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 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. |
| Additional information | וכמווכי (וג) וא טשאבו ייבע. |
| Accessories required | Z-HK 248432 |
| Features | Residual current circuit breaker Additional equipment possible |
| Fitted with: | Interlocking device |
| Special features | Maximum operating temperature is 60 °C: Starting at 40 °C, the max. permissible |
| | continuous current decreases by 1.8% for every 1 °C Tripping signal contact for subsequent installation Z-NHK 248434 |
| | |

Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / Residual current circuit breaker (RCCB) (EC000003)

Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB) (ecl@ss13-27-14-22-01 [AAB906019])

| (eci@5513-27-14-22-01 [AAD300013]) | | |
|-------------------------------------------------|-----|----------|
| Number of poles | | 4 |
| Rated voltage | V | 400 |
| Rated current | А | 63 |
| Rated fault current | А | 0.5 |
| Rated insulation voltage Ui | V | 440 |
| Rated impulse withstand voltage Uimp | kV | 4 |
| Power loss | W | 10.5 |
| Mounting method | | DIN rail |
| Leakage current type | | AC |
| Selective protection | | No |
| Short-time delayed tripping | | No |
| Short-circuit breaking capacity (Icw) | kA | 10 |
| Surge current capacity | kA | 0.25 |
| Voltage type | | AC |
| With interlocking device | | Yes |
| Frequency | | 50 Hz |
| Additional equipment possible | | Yes |
| Degree of protection (IP) | | IP20 |
| Width in number of modular spacings | | 4 |
| Built-in depth | mm | 70.5 |
| Ambient temperature during operating | °C | -25 - 60 |
| Pollution degree | | 2 |
| Connectable conductor cross section multi-wired | mm² | 1.5 - 16 |
| Connectable conductor cross section solid-core | mm² | 1.5 - 35 |
| RAL-number (similar) | | 7035 |
| Explosion-proof | | No |
| | | |