DATASHEET - PLSM-B32/3N-MW

Part no.

Catalog No.



Miniature circuit breaker (MCB), 32A, 3pole+N, type B characteristic

PLSM-B32/3N-MW

242520



Delivery program

Basic function (Ministre Crock-Finalesian (Minis				
Tripping darancentratic B B Aquification In B Aquification In A Rated current In A Preduct ranse In A Rated current In In Preduct ranse In In Rand dispreduction, current dependent Preduction In Preduct ranse In In In Rand dispreduct ranse Preduction In In Rand dispreduct ranse Preducti	Basic function			Miniature circuit-breakers
Application Switchgear for residential and commercial applications Raid current In A 32 Bared witching especify according to EUCEN 0009-1 In In In Chain range Distribution Distribution Distribution Chain range Distribution Distribution Distribution Chain range Distribution In A Distribution Chain range Distribution In A Distribution Chain range Past W Distribution Distribution Distribution respective Past	Number of poles			3 pole+N
Parted current Iµ A 32 Ried avaitating capacity according to IECEN 8008-1 Ion No 10 Product range PISM PISM Technical data Electrical Second parallel avaitation capacity according to IECEN 8008-1 Ion Design verification as per IEC/EN 8008-1 Ion Product range Design verification as per IEC/EN 8008-1 Ion Product range Product range <	Tripping characteristic			В
Rated availability capacity according to EDCIN 6888-1 Image A Image Image <td>Application</td> <td></td> <td></td> <td>Switchgear for residential and commercial applications</td>	Application			Switchgear for residential and commercial applications
Product range PLSM Electrical Image: PLSM Rated witching especiely accreting to IECEN 0988-1 Image: PLSM Stated approximation or pacity accreting to IECEN 0988-1 Image: PLSM Technical data Image: PLSM Stated approximation or pacity accreting to IECEN 0988-1 Image: PLSM Rated abs for disagn verification Image: PLSM Rated abs for disagn verification Image: PLSM Rated approximation or pacity current dependent Proje W Deparational current dependent Proje W Image: PLSM Exclusion on pacity Proje W Image: PLSM Operational current dependent Proje W Image: PLSM ID22 Stringth or interalisation of insolating materials to comma heat Image: PLSM Image: PLSM ID22 Stringth Image: PLSM Meets the product standard's requirements. ID23 Stringthines in the insolating materials to onomal heat Image: PLSM ID23 Stringthines in the insolatin	Rated current	I _n	А	32
Electrical data Electrical Sector data Sector data Sector data Reted solutioning capacity according to ECEN 80889.1 In No Reted solutioning capacity according to ECEN 80889.1 In I Technical data for design verification Reted operational current for specified hear dissipation In A Reted operational current for specified hear dissipation In A 2 Static hear dissipation, current-dependent Pare W0 0 Equipment hear dissipation, current-dependent Pare W0 0 Operationg ambeint temperature min. Pare W0 0 Operating ambeint temperature max. Pare W0 0 Ital.2 Static hear dissipation creature max. Pare W0 0 Operating ambeint temperature max. Pare W0 0 Ital.2 Static hear dissipation researce of insulating materials to normal heat min drive to internal distating materials to normal heat min drive to internal distating materials to normal heat min drive to internal distating materials to normal heat min drive to internal district effects Meets the product standard's requirements. Ital.2 More internal district effects Meets the product standard's requirements. Meets the product standard's requirements.	Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	10
Electrical kas kas kas Rated operational current for specified heart dissipation In A 2 Rated operational current for specified heart dissipation In A 2 Rated operational current for specified heart dissipation In A 2 Rated operational current for specified heart dissipation Paid W0 0 Comparing multiple replays current-dependent Paid W0 0 Operating multiple replays current-dependent Paid W0 0 Operating multiple respective respect	Product range			PLSM
Electrical kas kas kas Rated operational current for specified heart dissipation In A 2 Rated operational current for specified heart dissipation In A 2 Rated operational current for specified heart dissipation In A 2 Rated operational current for specified heart dissipation Paid W0 0 Comparing multiple replays current-dependent Paid W0 0 Operating multiple replays current-dependent Paid W0 0 Operating multiple respective respect				
Rate switching capacity according to ECCEN 60886-1 In In <td></td> <td></td> <td></td> <td></td>				
Technical data for design verification In A A Second current for specified heat dissipation In A Second current dependent Paid W G Rated operational current dependent Paid W G	Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	10
Technical data for design verification In A Second sec				
Technical data for design verification In A A Second current for specified heat dissipation In A Second current dependent Paid W G Rated operational current dependent Paid W G	Design verification as per IEC/EN 61439			
Heat dissipation per pole, current-dependent Pude W 0 Equipment heat dissipation, current-dependent Pude W 12.5 Static heat dissipation, current-dependent Pude W 0 Heat dissipation capacity Pains W 0 Operating ambient temperature min. -25 -25 Operating ambient temperature max. -10 -75 10.2.5 trength of materials and parts -10 -10 10.2.5 trength of materials and parts -10 -10 -10 10.2.2.2 Verification of resistance of insulating materials to normal heat -10 Meets the product standard's requirements. 10.2.3.1 Verification of resistance of insulating materials to abnormal heat -10 Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heat -10 Meets the product standard's requirements. 10.2.3.2 Verification in presistance of insulating materials to abnormal heat -10 Meets the product standard's requirements. 10.2.5 Uring -10 -10 -10 -10 -10 10.2.5 Uring -10 -10				
Heat dissipation per pole, current-dependent Pud W 0 Equipment heat dissipation, current-dependent Pud W 12.5 Static heat dissipation, current-dependent Pus W 0 Heat dissipation capseity Pains W 0 Operating ambient temperature min. -25 75 Operating ambient temperature max. -75 75 102.5 Strongth of materials and parts -75 75 102.2 Strongth of materials and parts -76 Meets the product standard's requirements. 102.2 Strongth of materials and parts -76 Meets the product standard's requirements. 102.2.2 Verification of resistance of insulating materials to normal heat and fire duit tentmal stability of enclosures -76 Meets the product standard's requirements. 102.2.3 Verification of resistance of insulating materials to abnormal heat and fire duit tentmal stability of enclosures -76 Dees not apply, since the entire switchgear needs to be avaluated. 102.5 Urification of ASSEMBLES -76 Dees not apply, since the entire switchgear needs to be avaluated. 103 Degree of protection of switching devices and components -76 Dees not apply, since the entire switchgear needs to be av	Rated operational current for specified heat dissipation	I _n	A	32
Equipment heat dissipation, current-dependentPedW125Static heat dissipation, non-current-dependentPedW0Heat dissipation capacityPedsW0Operating ambient temperature min.C-25Operating ambient temperature max.C75ID2.2 Strength of materials and partsC761D2.2 Strength of materials and partsC761D2.2 Strength of materials and partsC761D2.3 Strength of materials and partsC761D2.3 Strength of resistance of insulating materials to normal heatMeets the product standard's requirements.1D2.3 Verification of terminal stability of enclosuresMeets the product standard's requirements.1D2.3 Verification of resistance of insulating materials to bormal heatMeets the product standard's requirements.1D2.2 Strength of a distance of insulating materials to bormal heatMeets the product standard's requirements.1D2.3 Verification of resistance of insulating materials to bormal heatMeets the product standard's requirements.1D2.2 Meethanical impactMeets the product standard's requirements.1D3 Degree of protection of ASSEMBLIESMeets the product standard's requirements.1D3 Degree of protection of switching devices and componentsMeets the product standard's requirements.1D3 Degree of protection of switching devices and componentsMeets the product standard's requirements.1D3 Degree of protection of switching devices and componentsMeets the product standard's requirements.1D3 Degree of protection of switching devices an	Heat dissipation per pole, current-dependent		W	0
Static hear dissipation, non-current-dependentPaisWHeat dissipation capacityPaissW0Operating ambient temperature min.*C-25Operating ambient temperature max.*C75Integrating ambient temperature max.*C75Integrating ambient temperature max.*C*C102.Strength of materials and parts*C*C102.Strength of materials and parts*C*C102.Strength of thermal stability of enclosures*C*C102.Strength of instance of insulating materials to ahormal heat*C*C102.Strength of thermal stability of enclosures*C*C102.Strength of instance of insulating materials to ahormal heat*C*C102.Strength of resistance of insulating materials to ahormal heat*C </td <td></td> <td></td> <td></td> <td></td>				
Heat dissipation capacity Pass W O Operating ambient temperature min. 25 25 Operating ambient temperature max. **** **** FECEN 61439 design verification ***** ***** 102.2 Strength of materials and parts ************************************				
Operating ambient temperature min. 25 Operating ambient temperature max. *C 75 EC/EN 61439 design verification ************************************				
Operating ambient temperature max. 75 Idea and the ansatz of the a		P _{diss}		
Interr, per +1 °C, results in a 0.5% reduction of current carrying capacity IEC/EN 61439 design verification Interr, per +1 °C, results in a 0.5% reduction of current carrying capacity IEC/EN 61439 design verification Interration 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of tresistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.3.1 Verification of resistance of insulating materials to abnormal heat Meets the product standard's requirements. 10.2.3.2 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 Desen ot apply, since the entire switchgear needs to be evaluated. 10.2.5 Ufting Desen ot apply, since the entire switchgear needs to be evaluated. 10.3 Degree of protection of ASSEMBLIES Desen ot apply, since the entire switchgear needs to be evaluated. 10.5 Protection against elect				
IEC/EN 61439 design verification10.2 Strength of materials and parts10.2.2 Corrosion resistance10.2.3.1 Verification of thermal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat10.2.3.2 Verification of resistance of insulating materials to abnormal heat10.2.3.2 Verification of resistance of insulating materials to abnormal heat10.2.3.2 Verification of resistance of insulating materials to abnormal heat10.2.3.2 Verification of resistance of insulating materials to abnormal heat10.2.4 Resistance to ultra-violet (UV) rediation10.2.5 Lifting10.2.5 Lifting10.2.5 Des not apply, since the entire switchgear needs to be evaluated.10.2.7 Inscriptions10.3.0 Bagree of protection of ASSEMBLIES10.3 Degree of protection of ASSEMBLIES10.4 Clearances and creepage distances10.5 Protection against electric shock10.6 Incorporation of switching devices and components10.7 Internal electric lictuits and connections10.8 Concertions for external conductors10.9 Insulation properties10.9.2 Power-frequency electric strength10.9.2 Average devices made of insulating material10.9.1 Short-recine rise10.9.2 Aresting of enclosures made of insulating material10.9.1 Short-recircut rating	Operating ambient temperature max.		°C	
102 Strength of materials and parts102.2 Corrosion resistance10.2.2.3.1 Verification of themal stability of enclosures10.2.3.2 Verification of resistance of insulating materials to normal heat10.2.3.2 Verification of resistance of insulating materials to abnormal heat10.2.3.3 Verification of resistance of insulating materials to abnormal heat10.2.3.4 Verification of resistance of insulating materials to abnormal heat10.2.4 Resistance to ultra-violet (UV) radiation10.2.5 Lifting10.2.5 Lifting10.2.5 Lifting10.2.6 Mechanical impact10.2.7 Inscriptions10.3.2 Nerce of protection of ASSEMBLIES10.3 Degree of protection of ASSEMBLIES10.4 Clearances and creepage distances10.5 Internal electric shock10.6 Incorporation of switching devices and components10.7 Internal electric shock10.8 Incorporation of switching devices and components10.9.2 Power-frequency electric istrength10.9.2 Power-frequency electric istrength10.9.2 Power-frequency electric istrength10.9.4 Testing of enclosures made of insulating material10.10 Temperature rise10.10 Temperature rise10.11 Short-circuit rating				linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.5 InscriptionsDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsDoes not apply, since the entire switchgear needs to be evaluated.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electric a circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Inpulse withstand voltageIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.10 Temperature rise <t< td=""><td>IEC/EN 61439 design verification</td><td></td><td></td><td></td></t<>	IEC/EN 61439 design verification			
10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationDees not apply, since the entire switchgear needs to be evaluated.10.2.5 LiftingDees not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3.0 Begree of protection of ASSEMBLIESDees not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDees not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Protectric strengthIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Inpulse withstand voltageIs the panel builder's responsibility.10.01 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility.	10.2 Strength of materials and parts			
10.2.3.2 Verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Protectric strengthIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Inpulse withstand voltageIs the panel builder's responsibility.10.01 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility.	10.2.2 Corrosion resistance			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 effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationMeets the product standard's requirements.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3.0 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsEst the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Inpulse withstand voltageIs the panel builder's responsibility.10.10 Temperature riseIs the panel builder's responsibility.10.10 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility. The specifications for the switchgear must be	10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
and fire due to internal electric effectsMeets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationDoes not apply, since the entire switchgear needs to be evaluated.10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsEstep panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Prover-frequency electric strengthIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.10 Temperature riseThe panel builder's responsibility.10.11 Short-circuit ratingThe panel builder's responsibility.	10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsDoes not apply, since the entire switchgear needs to be evaluated.10.9.1 Nutation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.10.10 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility.				Meets the product standard's requirements.
10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.10 Temperature riseThe panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility.	10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.7 InscriptionsMeets the product standard's requirements.10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockMeets the product standard's requirements.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Power-frequency electric strengthIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.10 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility. The specifications for the switchgear must be	10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.3 Degree of protection of ASSEMBLIESDoes not apply, since the entire switchgear needs to be evaluated.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Nulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.10 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility.	10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.10 Temperature riseThe panel builder is responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility. The specifications for the switchgear must be	10.2.7 Inscriptions			Meets the product standard's requirements.
10.5 Protection against electric shockDoes not apply, since the entire switchgear needs to be evaluated.10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9 Insulation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility. The specifications for the switchgear must be	10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and componentsDoes not apply, since the entire switchgear needs to be evaluated.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9 Insulation propertiesImage: Comparison of the panel builder's responsibility.10.9.2 Power-frequency electric strengthImage: Comparison of the panel builder's responsibility.10.9.3 Impulse withstand voltageIs the panel builder's responsibility.10.9.4 Testing of enclosures made of insulating materialIs the panel builder's responsibility.10.10 Temperature riseIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility. The specifications for the switchgear must be	10.4 Clearances and creepage distances			Meets the product standard's requirements.
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 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 Is the panel builder is responsibility. 10.11 Short-circuit rating Is the panel builder is responsibility. The specifications for the switchgear must be	10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors Is the panel builder's responsibility. 10.9 Insulation properties Is the panel builder's responsibility. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.3 Inpulse 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 Is the panel builder is responsibility. 10.11 Short-circuit rating Is the panel builder is responsibility. The specifications for the switchgear must be	10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.9 Insulation properties 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 responsibility. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be	10.7 Internal electrical circuits and connections			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 Is the panel builder is responsibility. 10.11 Short-circuit rating Is the panel builder is responsibility.	10.8 Connections for external conductors			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 responsibility. 10.11 Short-circuit rating Is the panel builder's responsibility.	10.9 Insulation properties			
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.	10.9.2 Power-frequency electric strength			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	10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be	10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
	10.10 Temperature rise			
	10.11 Short-circuit rating			

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

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

Electric engineering, automation, process control engineering / Electrical installatio (ecl@ss10.0.1-27-14-19-01 [AAB905014])	on, device / Miniature ci	ircuit breaker system (MCB) / Miniature circuit breaker (MCB)
Release characteristic		В
Number of poles (total)		4
Number of protected poles		3
Rated current	А	32
Rated voltage	V	400
Rated insulation voltage Ui	V	440
Rated impulse withstand voltage Uimp	kV	4
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	10
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	10
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	0
Voltage type		AC
Frequency	Hz	50 - 60
Current limiting class		3
Suitable for flush-mounted installation		No
Concurrently switching N-neutral		Yes
Over voltage category		3
Pollution degree		2
Additional equipment possible		Yes
Width in number of modular spacings		4
Built-in depth	mm	70.5
Degree of protection (IP)		IP20
Ambient temperature during operating	°C	-25 - 55
Connectable conductor cross section multi-wired	mm²	1 - 25
Connectable conductor cross section solid-core	mm²	1 - 25