# DATASHEET - CI-K2H-100-TS

Part no. Catalog No.

**EL-Nummer** 

(Norway)



#### Insulated enclosure, HxWxD=160x100x100mm, +mounting rail



0004138015

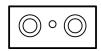


### **Delivery program**

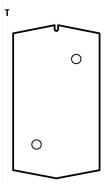
Product range		CI-K small enclosures
Basic function		Basic enclosures
Product function		CI-K empty enclosures
Single unit/Complete unit		Single unit
Degree of Protection		Front IP65 IP65, with push-through cable entry
Degree of Protection		Front IP65 IP65, with push-through cable entry
Material		Glass-fibre reinforced polycarbonate
Colour		Enclosure base RAL 9005, black Operator only RAL 7035, light gray
Description		Metric cable entry knockouts top, bottom and in the back plate Control cable entry Lamp indicator L can be mounted in base knock-out M20/M25
Cable entry		hard knockout version
Dimensions		
Width	mm	100
Height	mm	160
Depth	mm	100
Dimensions	mm	
Enclosure depth		
Legend for the graphic		Dimensions from top: Mounting depth with mounting plate Mounting depth for mounting rail 7.5 mm height Mounting depth for mounting rail 15 mm height
Enclosure depth	mm	
Mounting depth for mounting rail 7.5 mm height	mm	73
Features		With mounting rail to IEC/EN 60715
Notes M	q	



Knockouts 2 X M25 or push-through membrane up to max.  $\varnothing$  16 mm



Knockouts 2 x M25 or push-through membrane up to a max. diameter of 16 mm and 1 push-through membrane up to a max. diameter of 8 mm



Back plate: 2 x push-through membrane up to max.  $\varnothing$  11mm (not for CI-K2H)

Technical data		
Technical data		
General Standarda		
Standards		IEC/EN 60529 DIN EN 62208
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature	°C	-25 - +70 -25 - +40 (with push-through cable entry)
Degree of Protection		Front IP65 IP65, with push-through cable entry
Power loss		
Max. radiated heat dissipation with separate mounting, ambient air temperature +20 °C	W	12.5
Material characteristics		
Material		
Base		Glass-fibre reinforced polycarbonate
Cover		Glass-fibre reinforced polycarbonate
Surface treatment		Resistant to corrosion
Colour		
Base		RAL 9005, black (matt)
Housing body		Enclosure cover RAL 7035, light grey (matt)
Material properties		
Electrical		
Track resistance		CTI 175 (base, to IEC 60112) CTI 175 (cover, to IEC 60112)
Surface resistance to IEC 60093	$\Omega \times 10^{13}$	1
Dielectric strength to IEC 60243-1	kV/mm	30
Thermal		
Temperature resistant		-40 °C - 120 °C (enclosure) -40 °C - +80 °C (gasket)
Mechanical		
Impact resistance		IK06 according to EN 50102
max. assembly weights		
Mounting plate	kg	0.7
Mounting rail	kg	0.7
Chemical resistance		
Chemical resistant		Base, Cover Resistant against: Acids < 10 %, mineral oil, alcohol, gasoline, greases, salt solutions Partly resistant to: Acids > 10 %, alcohol Not resistant to: alkalis, benzene Push-through membrane (CI-K1/CI-K2) and sealing material Resistant against: Acids < 10 %, alkalis, benzene, salt solutions Partly resistant to: Acids > 10 %, greases, benzene Not resistant to: Mineral oil, benzene

Atmospheric		
Saline spray		IEC 60068-2-11
UV resistance		Beneath protective shield
Water consumption to DIN EN ISO 62	%	0.29
Flammability characteristics		
Glow wire test		
Flammability characteristics		960 °C/1mm thickness (base, cover; glow wire to VDE 0471 Part 2) 650 °C/1mm thick (push-through membrane and seal material) to VDE 0471 Part 2)
to UL 94		V0/1.5 mm thickness
to UL 94		НВ
Halogen free		Yes

# Design verification as per IEC/EN 61439

Track resistance   CT1 175 (Lose, to EC 60112)     Surface treatment   Exclose to EC 60112)     Impact resistance   Exclose cording to EK 50102     Temperature resistant   40 °C - 130 °C (noclosure)     UV resistance   40 °C - 130 °C (noclosure)     UV resistance   40 °C - 130 °C (noclosure)     102.2 Strength of materials and parts   6000000000000000000000000000000000000	and a second			
Head disipation purpole, converted quendentPartWPartWExclusion for converted quendentPartW0Static hast dissipation, converted quendentPartW25Operating subject tangerature max.CTO7000000000000000000000000000000000000	Technical data for design verification			
Equipment heat dissipation, non-current-dependent     Pend     W       State heat dissipation, non-current-dependent     Pend     W     0       Operating miller tamperature mus.     C     25     700       Operating miller tamperature mus.     Fort (PS)     Fort (PS)     Fort (PS)       Max. raisate deat dissipation with separate mouting, ambert ari museriture 30% (PC)     Fort (PS)     Fort (PS)       Max. raisate deat dissipation with separate mouting, ambert ari museriture 30% (PC)     Fort (PS)     Fort (PS)       France missione     CT 175 (PAsc, Norm Inick (Past House) Insch, cover (Past WOE PG7) Part 72     Fort (PS)       Surface treatment     Fort (PS)     Bio Cr/Trum (House) Insch, cover (Past WOE PG7) Part 72     Fort (PS)       Surface treatment     Fort (PS)     Bio Cr/Trum (House) Insch, cover (Past WOE PG7) Part 72     Fort (PS)       Verstance     CT 175 (Pasc, INE (PS) (PS)     Bio Cr/Trum (House) Insch (PS)     Bio Cr/Trum (House) Insch (PS)       Verstance     CT 175 (Pasc, INE (PS) (PS)     Bio Cr/Trum (House) Insch (PS)     Bio Cr/Trum (House) Insch (PS)       Verstance     CT 175 (Pasc, INE (PS)     Bio Cr/Trum (House) Insch (PS)     Bio Cr/Trum (House) Insch (PS)       Verstance     CT 175 (Pa	Rated operational current for specified heat dissipation	I <sub>n</sub>	Α	0
Number     Number     Number     Number       Busch heat dissipation concurrent-dependent     Pass     W     123       Busch heat dissipation concurrent-dependent min.     To     70     70       Busch heat dissipation tromperature min.     Fore     F	Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Hert displayer or upper of protection ambient temperature mix.     Part of the protection ambient temperature max.     Part of the protection ambient are displayed to the protection ambient are dimbient are dimbient are displayed to the protection ambient are di	Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Operating ambient temperature min.   Image: Construction   70   70     Operating ambient temperature max.   Form PSS   F	Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Operating ambient to protection     70       Opgree of Protection     From tHSS From tHSS From tHSS From tHSS From the protection with separate mounting, ambient air strengerstatics - 20**     80**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with jour with to VDE 0471 Part 2) S0**0/1mm thick least future (jour with jour with j	Heat dissipation capacity	P <sub>diss</sub>	W	12.5
Degree of Protection     Front LPSS IPER, with push-through cable entry       Max: radiated heat dissignation with separate mounting, ambient air temperature - 20 °C     State of Comparison (Comparison (	Operating ambient temperature min.		°C	-25
Max.radiated had issipation with separate mounting, ambient air imperature -29°C     125       Rammability characteristics     126       Pannability characteristics     125       Track resistance     125       Track resistance     1175 (hoses (basc, cover, glow wire to VDE 0471 Part 2) 90°C (Tim thick) (such through membrane and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through membrane and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through membrane and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through metale and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through metale and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through metale and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through metale and scal material to VDE 0471 Part 2) 90°C (Tim thick) (such through case (basc) 90°C (tim through case) 90°C (tim through ca	Operating ambient temperature max.		°C	70
temperature - 20 °C     C     C       Flammability characteristics     Flammability characteristics     Flammability characteristics       Tack resistance     Flammability characteristics     Flammability characteristics       Tack resistance     Flammability characteristics     Flammability characteristics       Surface treatment     Resistant to corrision     Resistant to corrision       Imperature resistant     Flammability characteristics     Resistant to corrision       UV resistance     Beneath protective shield     Flammability characteristics       10.2 Corros resistance     Measts the product standard's requirements.     Flammability characteristics       10.2.2 Verification of meastance of insulating materials to hormal heat     Measts the product standard's requirements.       10.2.2 Verification of resistance of insulating materials to hormal heat     Meast the product standard's requirements.       10.2.2 Verification of resistance of insulating materials to hormal heat     Meast the product standard's requirements.       10.2.2 Verification of resistance of insulating materials to hormal heat     Meast the product standard's requirements.       10.2.2 Verification of resistance of insulating materials to hormal heat     Meast the product standard's requirements.       10.2.2 Normal heat     Meast the product sta	Degree of Protection			
Track resistance   660 °C1mm thick (puer)-hough mombrane and seal material) to VDE 0471 Part 2     Surface treatment   660 °C1 mm thick (puer)-hough mombrane and seal material) to VDE 0471 Part 2     Surface treatment   660 °C1 mm thick (puer) to EE 0112)     Impact resistance   660 °C1 mm thick (puer) to EE 0112)     Temperature resistant   660 °C1 mm thick (puer) to EE 0112)     UV resistance   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of materials and parts   660 °C1 mm thick (puer)     102 Strength of mater			W	12.5
Surface treatment   CT1 175 (cover, to IEC 60112)     Surface treatment   Resistant to corrisoin     Impact resistance   Resistant to corrisoin     Temperature resistant   Resistant corrisoin     UV resistance   Research of the C (socker, to IEC 60112)     UV resistance   Research of the C (socker, to IEC 60112)     UV resistance   Research of the C (socker, to IEC 60112)     UV resistance   Research of the C (socker, to IEC 60112)     IO2 Strength of materials and parts   Research of the C (socker, to IEC 60112)     IO2 Strength of materials and parts   Meets the product standard's requirements.     IO2.31 Verification of resistance of insulating materials to ahormal heat   Meets the product standard's requirements.     IO2.32 Verification of resistance of insulating materials to ahormal heat   Meets the product standard's requirements.     IO2.32 Verification of resistance of insulating materials to ahormal heat   Meets the product standard's requirements.     IO2.32 Verification of resistance of insulating materials to ahormal heat   Meets the product standard's requirements.     IO2.32 Verification of resistance of insulation arresistance of insulation aresistance of insulation arresistance of insulat	Flammability characteristics			960 °C/1mm thickness (base, cover; glow wire to VDE 0471 Part 2) 650 °C/1mm thick (push-through membrane and seal material) to VDE 0471 Part 2)
Impact resistance     Impact resistance     Impact resistance     Impact resistance       Impact resistance     40 °C - 120 °C (enclosure) -40 °C - 480 °C (gasket)     -40 °C - 120 °C (enclosure) -40 °C - 480 °C (gasket)       UV resistance     Beneath protective shield	Track resistance			
Temperature resistant     40 °C (+120 °C (ecclosure) -40 °C - +80 °C (gasket)       UV resistance     Beneath protective shield       EEC/EN 61438 design verification     EEC/EN 61438 design verification       102.2 trength of materials and parts     EEC/EN 61438 design verification of thermal stability of enclosures       102.2 trength of materials and parts     Meets the product standard's requirements.       102.3.1 Verification of resistance of insulating materials to abnormal heat     Meets the product standard's requirements.       102.3.2 Verification of resistance of insulating materials to abnormal heat     Meets the product standard's requirements.       102.3.3 Verification of resistance of insulating materials to abnormal heat     Meets the product standard's requirements.       102.4 Resistance to ultra-violet (UV) radiation     Meets the product standard's requirements.       102.5 Uring     Meets the product standard's requirements.       102.5 Uring     Meets the product standard's requirements.       102.5 Decision against electric shock     Meets the product standard's requirements.       104 Clearances and creepage distances     Meets the product standard's requirements.       105 Protection against electric shock     Is the panel builder's responsibility.       105 Roorperation of switching devices and components     Is the panel builder's responsibility. <	Surface treatment			Resistant to corrosion
Avec - 40 °C - 40 °C (gasket)       UV resistance     Beneath protective shield       IEUE/EN 61430 design verification     Beneath protective shield       10.2 Strength of materials and parts     Meets the product standard's requirements.       10.2.2 Corrosion resistance     Meets the product standard's requirements.       10.2.3.1 Verification of tresistance of insulating materials to normal heat and fire due to internal electric effects     Meets the product standard's requirements.       10.2.3.2 Verification of resistance to insulating materials to abnormal heat and fire due to internal electric effects     Meets the product standard's requirements.       10.2.3.2 Verification of resistance to insulating materials to abnormal heat and fire due to internal electric effects     Meets the product standard's requirements.       10.2.3.4 Resistance to ultra-violet (UV) radiation     Meets the product standard's requirements.       10.2.5 Uriting     Meets the product standard's requirements.       10.2.6 Meetanical impact     Meets the product standard's requirements.       10.3.0 Begree of protection against electric shock     Keets the product standard's requirements.       10.4 Clearances and creepage distances     Keets the product standard's requirements.       10.4 Clearances for external conductors     Keets the product standard's requirements.       10.4 Clearances for external conductors	Impact resistance			IK06 according to EN 50102
IEU/EN 61439 design verification     Image: Comparison of the status of the st	Temperature resistant			
102.2 Strength of materials and parts   Meets the product standard's requirements.     102.2.2 Corrosion resistance   Meets the product standard's requirements.     102.3.1 Verification of themal stability of enclosures   Meets the product standard's requirements.     102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Meets the product standard's requirements.     102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Meets the product standard's requirements.     102.2.4 Resistance to ultra-violet (UV) radiation   Please enquire     102.5 Lifting   Not applicable.     102.5 Lifting   Meets the product standard's requirements.     102.5 Inscriptions   Meets the product standard's requirements.     102.5 Protection of ASSEMBLIES   Meets the product standard's requirements.     10.4 Clearances and creepage distances   Is the panel builder's responsibility.     10.6 Incorporation of switching devices and components   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.     10.9.1 Structure stand of insulating material   Meets the product standard's requirements.     10.9.2 Power	UV resistance			Beneath protective shield
10.22 Corrosion resistance   Meets the product standard's requirements.     10.2.3.1 Verification of themal stability of enclosures   Meets the product standard's requirements.     10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Meets the product standard's requirements.     10.2.3.4 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Meets the product standard's requirements.     10.2.4 Resistance to ultra-violet (UV) radiation   Meets the product standard's requirements.     10.2.5 Lifting   Not applicable.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.3.0 Egree of protection of ASSEMBLIES   Meets the product standard's requirements.     10.3.1 Corporation of switching devices and components   Is the panel builder's responsibility.     10.2.6 Meets the product	EC/EN 61439 design verification			
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10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Meets the product standard's requirements.     10.2.4 Resistance to ultra-violet (UV) radiation   Please enquire     10.2.5 Lifting   Not applicable.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.3 Degree of protection of ASSEMBLIES   Meets the product standard's requirements.     10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.5 Protection against electric shock   Is the panel builder's responsibility.     10.6 Incorporation of switching devices and components   Is the panel builder's responsibility.     10.8 Incorporation for external conductors   Is the panel builder's responsibility.     10.9 Insulation properties   Is the panel builder's responsibility.     10.9.1 Route withstand voltage   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   Meets the product standard's requirements.     10.10 Temperature rise   Int Short-circuit rating   Is the panel builder's responsibility.     10.9.1 Resting of enclosures made of insulating material	10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
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10.2.5 Lifting   Not applicable.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.3 Degree of protection of ASSEMBLIES   Meets the product standard's requirements.     10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.5 Protection against electric shock   Meets the product standard's requirements.     10.6 Incorporation of switching devices and components   Is the panel builder's responsibility.     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.     10.9.1 Supulse withstand voltage   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   Meets the product standard's requirements.     10.10 Temperature rise   Is the panel builder's responsibility.     10.11 Short-circuit rating   Is the panel builder's responsibility. The specifications for the switchgear must the product dissipation data for				Meets the product standard's requirements.
10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.3 Degree of protection of ASSEMBLIES   Meets the product standard's requirements.     10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.5 Protection against electric shock   Meets the product standard's requirements.     10.6 Incorporation of switching devices and components   Is the panel builder's responsibility.     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.     10.9.1 Prover-frequency electric strength   Meets the product standard's requirements.     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   Meets the product standard's requirements.     10.10 Temperature rise   Is the panel builder's responsibility.     10.11 Short-circuit rating   Is the panel builder's responsibility. The specifications for the switchgear must be product standard's requirements.	10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.7 Inscriptions   Meets the product standard's requirements.     10.3 Degree of protection of ASSEMBLIES   Meets the product standard's requirements.     10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.5 Protection against electric shock   Meets the product standard's requirements.     10.6 Incorporation of switching devices and components   Is the panel builder's responsibility.     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   Meets the product standard's requirements.     10.10 Temperature rise   The panel builder's responsibility.     10.11 Short-circuit rating   Is the panel builder's responsibility.	10.2.5 Lifting			Not applicable.
10.3 Degree of protection of ASSEMBLIESMeets the product standard's requirements.10.4 Clearances and creepage distancesMeets the product standard's requirements.10.5 Protection against electric shockIs the panel builder's responsibility.10.6 Incorporation of switching devices and componentsIs the panel builder's responsibility.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.10.9.4 Testing of enclosures made of insulating materialMeets the product standard's requirements.10.11 Short-circuit ratingIs the panel builder's responsibility.10.11 Short-circuit ratingIs the panel builder's responsibility.	10.2.6 Mechanical impact			Meets the product standard's requirements.
10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.5 Protection against electric shock   Is the panel builder's responsibility.     10.6 Incorporation of switching devices and components   Is the panel builder's responsibility.     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   Meets the product standard's requirements.     10.11 Short-circuit rating   Is the panel builder's responsibility. The specifications for the switchgear must be panel builder's responsibility.	10.2.7 Inscriptions			Meets the product standard's requirements.
10.5 Protection against electric shock   Is the panel builder's responsibility.     10.6 Incorporation of switching devices and components   Is the panel builder's responsibility.     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   Meets the product standard's requirements.     10.10 Temperature rise   The panel builder is responsibility. The specifications for the switchgear must be 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 provide heat dissipation data for the devices.	10.3 Degree of protection of ASSEMBLIES			Meets the product standard's requirements.
10.6 Incorporation of switching devices and componentsIs the panel builder's responsibility.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 is responsibility.10.10 Temperature riseIs the panel builder is responsibility.10.11 Short-circuit ratingIs the panel builder is responsibility. The specifications for the switchgear must the panel builder is responsibility.	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   Meets the product standard's requirements.     10.10 Temperature rise   The panel builder is responsibility. The specifications for the switchgear must the panel builder is responsibility. The specifications for the switchgear must the panel builder is responsibility.	10.5 Protection against electric shock			Is the panel builder's responsibility.
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10.9 Insulation properties   Image: Construct of 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   Meets the product standard's requirements.     10.10 Temperature rise   The panel builder is responsibility. The specifications for the switchgear must the provide heat dissipation data for the devices.     10.11 Short-circuit rating   Is the panel builder's responsibility. The specifications for the switchgear must 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   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   Meets the product standard's requirements.     10.10 Temperature rise   The panel builder is responsibility.     10.11 Short-circuit rating   Is the panel builder's 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   Meets the product standard's requirements.     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 provide heat dissipation data for the specification for the switchgear must be panel builder's responsibility. The specifications for the switchgear must be panel builder's responsibility.	10.9 Insulation properties			
10.9.4 Testing of enclosures made of insulating material   Meets the product standard's requirements.     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	10.9.2 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 switchgear must	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 switchg	10.9.4 Testing of enclosures made of insulating material			Meets the product standard's requirements.
	10.10 Temperature rise			
	10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must b observed.

10.13 Mechanical function

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.

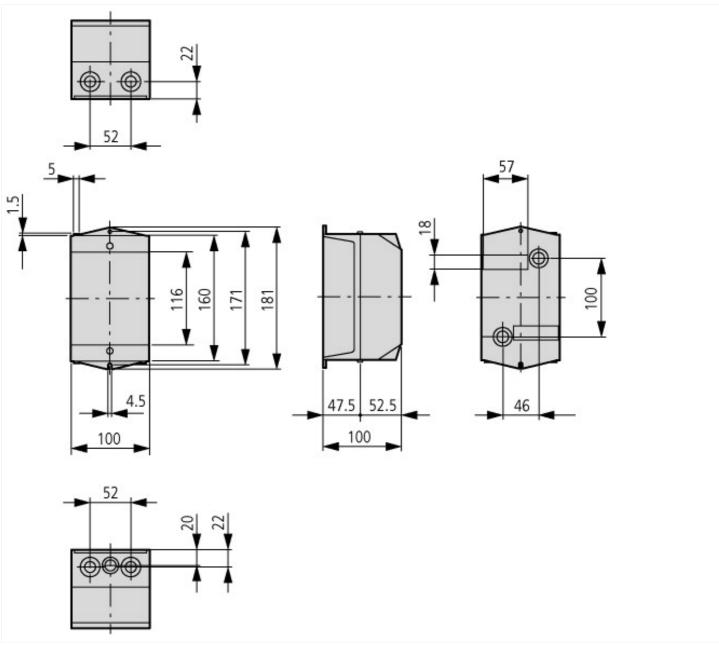
## **Technical data ETIM 7.0**

Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss10.0.1-27-37-13-01 [AKN343014])

Material housing		Plastic
Width	mm	100
Height	mm	160
Depth	mm	100
With transparent cover		No
Suitable for emergency stop		Yes
Model		Surface mounting
Degree of protection (IP)		IP65
Degree of protection (NEMA)		Other

#### **Dimensions**



# Assets (links)

Declaration of CE Conformity 00002809 Instruction Leaflets IL01502081Z2018\_05

# **Additional product information (links)**

#### IL01502081Z (AWA3210-1735) Insulated small enclosures

IL01502081Z (AWA3210-1735) Insulated small ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/IL01502081Z2018\_05.pdf enclosures