

Isolert Kobberlisse F100-365

Insulated Braided Conductor IBSB ADV 100-365-10



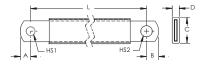
IBSB is the ideal ready-to-install flexible wire replacement solution that is specifically designed for connections to all molded case circuit breakers, including the most compact breakers on the market. It connects to the front access terminals of the breakers without any additional accessories, such as angular connectors, spreaders, ring terminal connectors or extenders. IBSB is available in cross sections of 25 to 240 mm² and lengths from 165 to 1,130 mm.

Manufactured in an ISO 9001 certified proprietary automated facility, IBSB is formed by weaving high-quality electrolytic copper wire to form a durable low voltage connector with maximum flexibility that allows for more compact power connections to circuit breakers. The IBSB allows users to reduce the total size and weight of the installation, improving both design flexibility and assembly aesthetics.

The IBSB features integral pre-punched palms that are ready to connect out of the box. There are no lugs to purchase or install, making connections simpler and faster and eliminating faulty connections due to vibration or fatigue. The insulation is a halogen free thermoplastic elastomer.

IBSB is compatible with all major brand molded case circuit breakers.

- Suitableforallmainmoldedcasecircuitbreakers
- Resistant to vibration, improving reliability and performance
- Improves assembly flexibility and aesthetics
- Quick and easy installation
- No additional cutting, stripping, crimping and punching needed
- Integral palm without lugs or terminals reduces material and assembly weight
- Small wire diameter provides maximum flexibility
- RoHS compliant





| Part Number | IBSB ADV 100-365-10 | | | | |
|---------------------------------|----------------------------|--|--|--|--|
| Article Number | 558625 | | | | |
| | | | | | |
| Finish | Tinned | | | | |
| Material | Copper Halogen free TPE | | | | |
| Dielectric Strength | 20 kV/mm | | | | |
| Flammability Rating | UL® 94V-0 | | | | |
| Max Working Voltage, IEC/UL 758 | 1,000 VAC | | | | |

| Part Number TISB ADV 100-365-10 Max Working Voltage, UL 67 1,500 V0C Working Temperature 600 VAC/DC Operating Temperature -50 to 115 °C Max Operating Temperature 0.15 mm Wire Diameter 0.15 mm Comples With 1ECc6 60439.1 ECc6 60439.1 1ECc6 61439.1 ECc6 61439.1 100 mm ² Conductor Width 24 mm Conductor Thickness 5 mm Leigh (L) 365 mm A 9 mm B 11 mm C 31 mm Hole Size 1 (HS1) 10.5 mm Hole Size 2 (HS2) 10.5 mm Unit Weight 0.5 kg Certifications DW Type Approval AS 314*15100074*PDA Bureau Verta | | | | | | |
|--|--|----------------------------|---|--|--|--|
| Max Working Voltage, UL 67 600 VAC/DC Working Temperature 115 °C Max Operating Temperature -50 to 115 °C Wire Diameter 0.15 mm comples With IEC® 60439.1 IEC® 61439.1 Diameter consplex With 100 mm² consplex With 24 mm conductor Width 24 mm conductor Thickness 5 mm Length (L) 365 mm A 9 mm B 11 mm C 31 mm D 13 mm Hole Size 1 (HS1) 10.5 mm Hole Size 2 (HS2) 0.5 km Unit Weight 0.5 kg Certifications ABS 13-HS1070047-PDA ABS 13-HS1070747-PDA ABS 13-HS10707470747-PDA CertUFC | | Part Number | IBSB ADV 100-365-10 | | | |
| Working Temperature 115 °C Max Operating Temperature -50 to 115 °C Wire Diameter 0.15 mm Complies With IEC® 60439.1 IEC® 61439.1 Class II Cross Section 100 mm² Conductor With 24 mm Conductor With 365 mm Conductor Thickness 5 mm Length (L) 365 mm A 9 mm B 11 mm C 31 mm D 13 mm Hole Size 1 (HS1) 0.5 mm Hole Size 2 (HS2) 10.5 mm Unit Weight 0.5 kg Certifications DNV Type Approval ABS 13-HS10/074-PDA Bureau Veritas 41939 BV CE CSA 90005 CURUs ECC439-11BS-1BSB-1BSBR Standard Packaging Quantity 10 pc UPC Internet Veritas 41939 BV | | | 1,500 VDC | | | |
| Operating Temperature -50 to 115 °C Wire Diameter 0.15 mm Complies With IEC® 60439.1 IEC® 61439.1 Class II Cross Section 100 mm² Conductor Width 24 mm Conductor Thickness 5 mm Length (L) 365 mm A 9 mm B 11 mm C 31 mm Hole Size 1 (HS1) 10.5 mm Hole Size 2 (HS2) 0.5 kg Unit Weight 0.5 kg Certifications DNV Type Approval AB 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 cURus ECAC0234251 (Russian Federation) IEC 61439-1 IBS-IBSB-IBSBR Standard Packaging Quantity 10 pc UPC Int pc | | Max Working Voltage, UL 67 | 600 VAC/DC | | | |
| Wire Diameter0.15 mmComplies WithIEC® 60439.1 IEC® 61439.1 Class IICross Section100 mm²Conductor Width24 mmConductor Thickness5 mmLength (L)365 mmA9 mmB11 mmC31 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)10.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval Bureau Vertas 41939 BV CE CE CSA 90005 CLASSIT IES-IBSBRStandard Packaging Quantity10 pcUPC10 pc | | Working Temperature | 115 °C Max | | | |
| Comples WithIEC® 60439.1 IEC® 61439.1 Class IICross Section100 mm²Conductor Width24 mmConductor Thickness5 mmLength (L)365 mmA9 mmB11 mmC31 mmC31 mmD10.5 mmHole Size 1 (HS1)10.5 mmUnit Weight0.5 kgCertificationsAbs 13-HS10704-PDA Bureau Vertas 41939 BV CECertificationsAbs 13-HS107074-PDA Bureau Vertas 41939 BV CEStandard Packaging Quantity10 pcUPCVPC | | Operating Temperature | -50 to 115 °C | | | |
| ICC® 61439.1 IEC® 61439.1 Class IICross Section100 mm2Conductor Width24 mmConductor Thickness5 mmLength (L)365 mmA9 mmB11 mmC31 mmC31 mmD13 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)0.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV EC GSA 90005 CHVB 5128-IBSBRStandard Packaging Quantity10 pcUPCIO | | Wire Diameter | 0.15 mm | | | |
| Conductor Width24 mmConductor Thickness5 mmLength (L)365 mmA9 mmB11 mmC31 mmC31 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)0.5 kgUnit Weight0.5 kgCertificationsDNV Type Approval AB 13-HS1070074-PDA Bureau Veritas 41939 BV CEP CER S 490005Standard Packaging Quantity10 pcUPCUPC | | | IEC® 61439.1 | | | |
| Conductor Thickness5 mmLength (L)365 mmA9 mmB11 mmC31 mmD13 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)0.5 kgUnit Weight0.5 kgCertificationsDNV Type Approval ABUreau Veritas 41939 BV EC CSA 90005 CURUS EC CGA 90005 CURUS EC 61439-1 IBS-IBSBRStandard Packaging Quantity10 pcUPCUPC | | Cross Section | 100 mm ² | | | |
| Length (L)365 mmA9 mmB11 mmC31 mmD13 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)0.5 kgUnit Weight0.5 kgCertificationsDNV Type Approval AB 13-HS1070074-PDA Bureau Veritas 41939 BV CE CE CSA 90005 cURus EAC0234251 (Russian Federation) IEC 61439-1 IBS-IBSBRStandard Packaging Quantity10 pcUPCInterpretation | | Conductor Width | 24 mm | | | |
| A9 mmB11 mmC31 mmD13 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)10.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CEF CSA 90005 cURus EAC0234251 (Russian Federation) IEC 61439-1 Class IT IBS-IBSBR IEC 61439-1 Class IT IBS-IBSBRStandard Packaging Quantity10 pcUPC | | Conductor Thickness | 5 mm | | | |
| B 11 mm C 31 mm D 13 mm Hole Size 1 (HS1) 10.5 mm Hole Size 2 (HS2) 10.5 mm Unit Weight 0.5 kg Certifications DNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 cURUs EAC0234251 (Russian Federation) IEC 61439-1 Class II IBS-IBSBR IEC 61439-1 Class II IBS-IBSBR IEC 61439-1 DS-IBSBR Standard Packaging Quantity 10 pc | | Length (L) | 365 mm | | | |
| C31 mmD13 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)10.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 CURus EAC0234251 (Russian Federation) IEC 61439-1 ClassIIIBS-IBSBR IEC 61439-1 IBS-IBSBRStandard Packaging Quantity10 pcUPC | | A | 9 mm | | | |
| D13 mmHole Size 1 (HS1)10.5 mmHole Size 2 (HS2)10.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 CURus EAC0234251 (Russian Federation) | | В | 11 mm | | | |
| Hole Size 1 (HS1)10.5 mmHole Size 2 (HS2)10.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 CURUS EAC0234251 (Russian Federation) IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBRStandard Packaging Quantity10 pcUPCVPC | | с | 31 mm | | | |
| Hole Size 2 (HS2)10.5 mmUnit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CCA 90005 CURUS EAC0234251 (Russian Federation) IEC 61439-1 Class II IBS-IBSBR IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBRStandard Packaging Quantity10 pcUPCImage: Comparison of the second s | | D | 13 mm | | | |
| Unit Weight0.5 kgCertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 CURus EAC0234251(RussianFederation) IEC 61439-1 Class II IBS-IBSBR IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBRStandard Packaging Quantity10 pcUPC | | Hole Size 1 (HS1) | 10.5 mm | | | |
| CertificationsDNV Type Approval ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 cURus EAC0234251(RussianFederation) IEC 61439-1 Class II IBS-IBSBR IEC 61439-1 | | Hole Size 2 (HS2) | 10.5 mm | | | |
| ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 cURus EAC0234251(RussianFederation) IEC 61439-1 Class II IBS-IBSBR IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBR IEC 61439-1 IBS-IBSBR | | Unit Weight | 0.5 kg | | | |
| UPC Internet | | | ABS 13-HS1070074-PDA Bureau Veritas 41939 BV CE CSA 90005 cURus EAC0234251 (Russian Federation) IEC 61439-1 Class II IBS-IBSB-IBSBR IEC 61439-1 IBS-IBSB-IBSBR | | | |
| | | | 10 pc | | | |
| EAN-13 7090041500372 | | | | | | |
| | | EAN-13 | 7090041500372 | | | |

| | Maximum Ampacity Ratings | | | | | | | | | | |
|------------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------------------|------------------------------|--|--|
| Cross Section (mm²/kcmil) | ΔT 30° C (A) | ΔT 40° C (A) | ΔT 45° C (A) | ΔT 50° C (A) | ΔT 55° C (A) | ΔT 60° C (A) | ΔT 70° C (A) | 2 Bar Current Coefficient | 3 Bar Current Coefficient | | |
| 25/49.34 | 116 | 134 | 142 | 150 | 157 | 164 | 177 | 1.6 | 2 | | |
| 50/98.68 | 213 | 246 | 260 | 274 | 288 | 301 | 325 | 1.6 | 2 | | |
| 70/138.15 | 226 | 261 | 277 | 291 | 306 | 319 | 345 | 1.6 | 2 | | |
| 100/197.35 | 298 | 344 | 365 | 385 | 404 | 422 | 456 | 1.6 | 2 | | |
| 120/236.82 | 363 | 419 | 444 | 468 | 491 | 513 | 554 | 1.6 | 2 | | |
| 185/365.1 | 416 | 480 | 509 | 537 | 563 | 588 | 635 | 1.6 | 2 | | |
| 240/473.65 | 556 | 642 | 681 | 718 | 753 | 786 | 849 | 1.6 | 2 | | |

 ΔT = Temperature of conductors – Internal temperature of panel.

This table indicates the temperature rise produced by chosen current in the given section. This calculation does not take into account the heat dissipation from the switch gear.



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