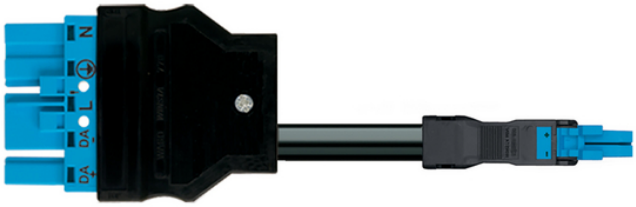
# Data Sheet | Item Number: 8006-099/K000-148

pre-assembled adapter cable; B2ca; Plug MIDI 5-pole; Socket MINI 2-pole; Cod. I; H05Z1Z1-F 2 x 1.50 mm²; 5 m; blue







## Texts

| | |
|---|---|
| Item description | ▪ Protected against mismating and maintenance-free<br>▪ Additional variable coding is possible. |

## Notes

| | |
|---|---|
| General safety information | 1. Only to be used by a qualified electrician or by a person electrically instructed for the task (EIP per DIN VDE 0105-100).<br>2. Do not install while energized or under load.<br>3. Use only for its intended purpose.<br>4. Observe applicable national regulations, standards and directives.<br>5. Observe the technical specifications of the products.<br>6. Ensure correct polarity assignment.<br>7. Do not use damaged or contaminated components.<br>8. Observe conductor types, conductor cross-sections, strip lengths and cable diameters.<br>9. Insert conductors up to the stop.<br>10. Use only with locking lever and strain relief.<br>11. Use original accessories only.<br>**To be sold only with installation instructions!** |
| Note | Cables with a different fire class can be found in the eShop. |

## Electrical data

### Ratings per IEC/EN

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Nominal voltage (III/3) | 250 V |
| Rated impulse withstand voltage (III / 3) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### General information

| | |
|---|---|
| Note on contact resistance | approx. 1 mΩ of contact resistance<br>approx. 0.25 mΩ contact transition plug/ socket |

## Connection Data

| | |
|---|---|
| Total number of potentials | 2 |
| Conductor preparation | ultrasonically tip-bonded |
| Connection type | MIDI plug - MINI socket |
| Wire cross-section | 1.5 mm² |

### Connection 1

| | |
|---|---|
| Connection type | MIDI plug |
| Pole number | 5 |
| Coding | I |
| Connector color | blue |
| Strain relief color | black |

## Connection 2

| | |
|---|---|
| Connection type | MINI socket |
| Pole number | 2 |
| Coding 2 | I |
| Connector color 2 | blue |
| Strain relief color 2 | black |

## Physical data

| | |
|---|---|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 54.6 mm / 2.15 inches |
| Height | 17 mm / 0.669 inches |
| Total length | 5 m |
| Sheathed cable diameter | 6.8 … 8.6 mm |

## Mechanical data

| | |
|---|---|
| Use | DALI, Lighting Management |
| Variable coding | No |
| Marking | N ⏚ L DA- DA+ |
| Mating force of a plug-in connection | approx. 20 … 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 … 70 N (depending on pole number) |
| Number of mating cycles | 200, without resistive load |
| Connection type | MIDI plug - MINI socket |
| Type of pre-assembled cable | Adapter cable |
| Cable type | H05Z1Z1-F 2x1.5 |
| Protection type | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

## Plug-in connection

| | |
|---|---|
| Mismating protection | Yes |
| Note on mismating protection | All *WINSTA*® components are 100% protected against mismating when:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>d.) plugging one pole |
| Locking lever | Can be retrofitted |
| Locking of plug-in connection | Locking lever |
| Note on locking system | All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket). |

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | blue |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire class per EN 50575 | $B2_{ca}$ |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 150.198 MJ |


Continued on next page

## Material data

| | |
|---|---|
| Sheathed cable color | black |
| Printing color of sheathed cable | white |
| Halogen-free | Yes |
| Silicon-free | Yes |
| Sheath material | Halogen-free |
| Rubber cable | No |
| Weight | 432.33 g |
| Copper weight of the raw cable | 0.029 kg/m |

## Environmental requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on continuous operating temperature | Cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

## Commercial data

| | |
|---|---|
| GTIN | 4066966290240 |

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Product Classification

| | |
|---|---|
| UNSPSC | 26121629 |
| ETIM 10.0 | EC002587 |
| ECCN | NO US CLASSIFICATION |