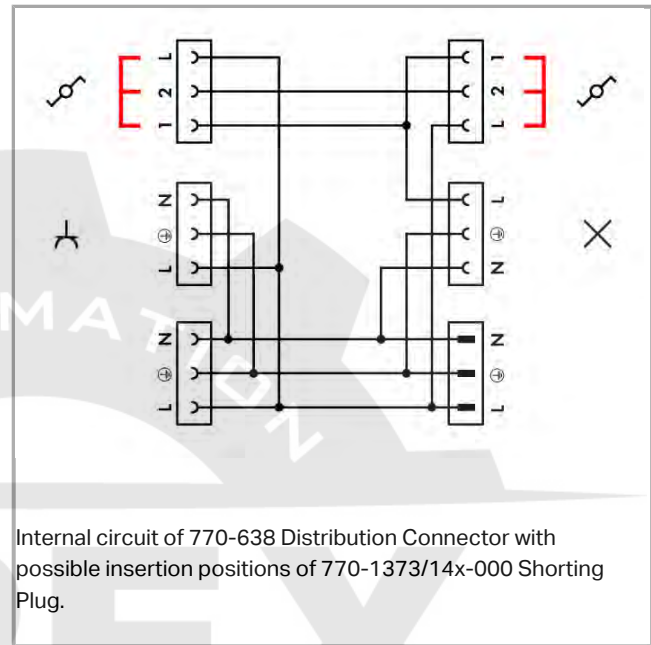
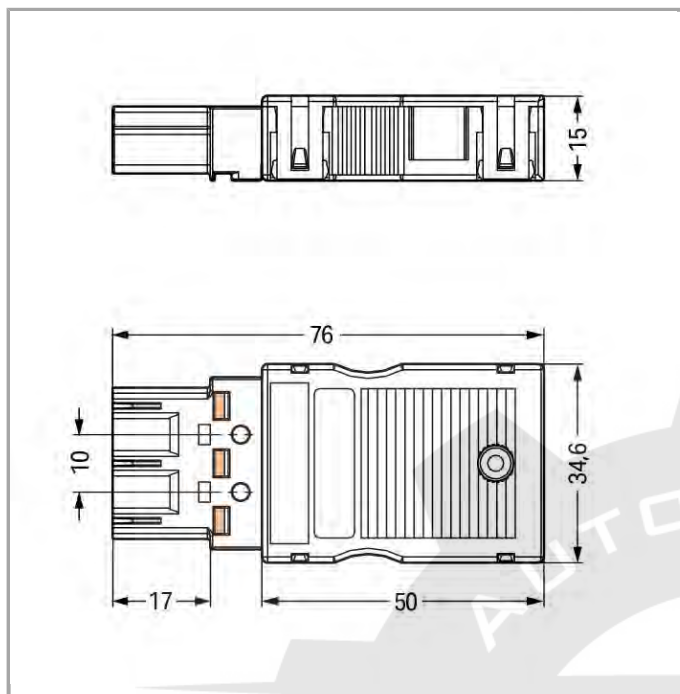


770-1373/149-000



**Data****Electrical data**

Note on Contact Resistance

approx. 1m $\Omega$  contact resistanceapprox. 0.25m $\Omega$  contact transition plug/socket**Ratings per IEC/EN 60664-1**

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 250 V |
| Rated impulse voltage (III / 3) | 4 kV  |
| Rated current                   | 25 A  |

**Approvals per UL 1977**

|                                                 |       |
|-------------------------------------------------|-------|
| Rated voltage per UL 1977 (factory wiring only) | 600 V |
| Rated current per UL 1977 (factory wiring only) | 23 A  |

**Connection data**

|                       |                                    |
|-----------------------|------------------------------------|
| Connection technology | Push-in CAGE CLAMP®                |
| Note (strip length)   | see also packaging or instructions |
| No. of poles          | 3                                  |

## Geometrical Data

|             |                      |
|-------------|----------------------|
| Pin spacing | 10 mm (0.394 inch)   |
| Width       | 34.6 mm / 1.362 inch |
| Height      | 15 mm / 0.591 inch   |
| Depth       | 76 mm / 2.992 inch   |

## Mechanical data

|                                         |                                                                                                                                          |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Coding                                  | S                                                                                                                                        |
| 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)                                                                            |
| Protection class                        | IP20                                                                                                                                     |
| Note on protection class                | Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) |

## Plug connection

|                                    |                          |
|------------------------------------|--------------------------|
| Contact type (pluggable connector) | Male connector/plug      |
| Connector connection type          | for pluggable connectors |
| Mismating protection               | Yes                      |
| Locking of plug-in connection      | locking lever            |
| Locking lever                      | no                       |
| Strain relief                      | Zugentlastungsgehäuse    |

## Material Data

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Color                       | brown                                   |
| Insulating material         | Polyamide 66 (PA 66)                    |
| Flammability class per UL94 | V0                                      |
| Clamping spring material    | Chrome nickel spring steel (CrNi)       |
| Contact material            | Copper or copper alloy, surface-treated |
| Fire load                   | 0.49 MJ                                 |
| Weight                      | 27.843 g                                |

## Environmental Requirements

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Surrounding air (operating) temperature | -35 ... 85 °C                                   |
| Processing temperature                  | -5 ... +40 °C                                   |
| Continuous operating temperature        | -35 ... +85 °C                                  |
| Note on Continuous Service Temperature  | Insulating parts for temperatures $\leq 105$ °C |

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4045454148300 |
| Customs Tariff No. | 85366990990   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                        | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 61535                 | 2173495.02       |
|                                                                                  | CCA<br>DEKRA Certification B.V. | IEC 61535                | NL-32105         |

### Ship Approvals

| Logo                                                                                | Approval                                         | Additional Approval Text | Certificate name         |
|-------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|--------------------------|
|   | ABS<br>American Bureau of Shipping               | -                        | 14-<br>HG1241528-<br>PDA |
|   | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001Z6               |
|   | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001Z6               |
|  | LR<br>Lloyds Register                            | IEC 61984                | 02/20050<br>(E6)         |

## Compatible products

### protection

|                                                                                    |                                                                |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|
|  | Item no.: 770-360<br>Lockout cap; for plugs; 5-pole; separable | 770-360 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|

Downloads

Documentation

Bid Text

770-1373/149-000  
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Apr 4, 2012

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