

WINSTA® – The Pluggable Connection System

A Complete Range of Connectors



WAGO®

WINSTA® – The Pluggable Connection System

Perfectly Plugged!

We all use them on a daily basis: Pluggable connectors. We appreciate their ease of use and their safety is unparalleled. So, why shouldn't you benefit from the same advantages in an electrical connection?

WINSTA® is a pluggable connection system that is

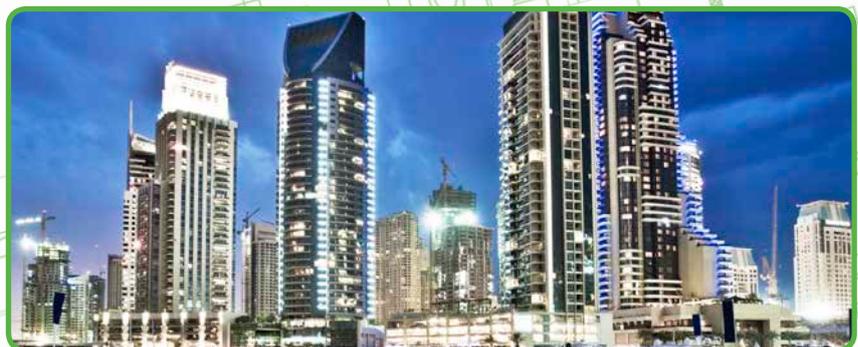
ideally suited to building system requirements. The system provides the ability to simply plug electrical installations and components together – making install safe, error-free and quick. Using pre-assembled and quality-tested components (e.g., cable assemblies and distribution boxes), our cutting-edge technology makes installation safer and easier.



Pluggable connections:
Fast, reliable and proven millions of times!



The WINSTA® pluggable connection:
Safe, easy, industry-leading technology!





"There is no room for compromise when dealing with electrical installations."

Advantages ...

... when planning:

Modular system for standard applications and custom solutions

... during installation:

Minimizing installation times

... during operation and maintenance:

Flexible for future changes and expansions

WINSTA® – A Complete Series

Perfects the System.

WINSTA® Pluggable Connection System

forms the electrical interface from power supply and distribution to electrical loads (e.g., lights). It also encompasses data processing (bus lines in building automation).

WINSTA® MAXI



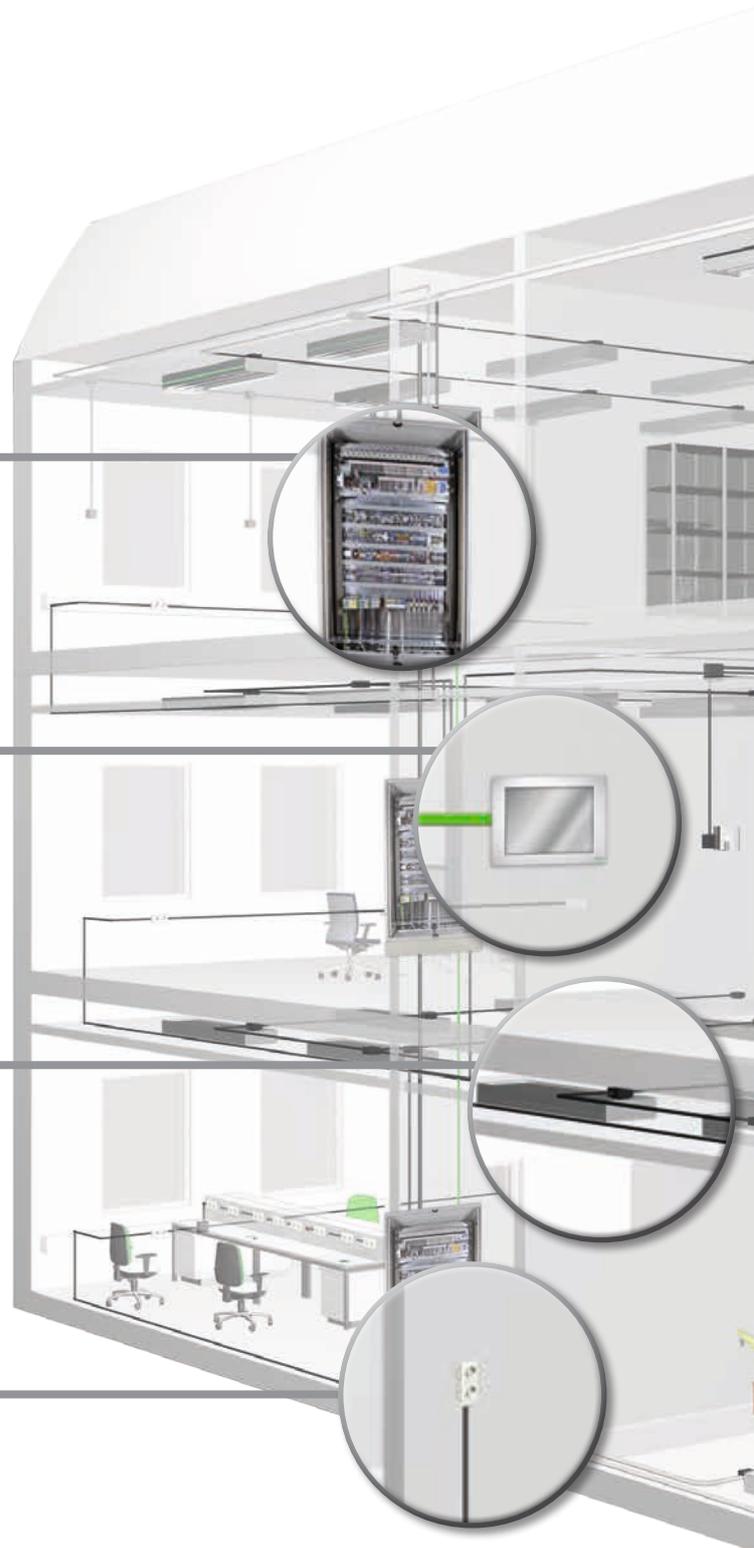
WINSTA® MINI/ WINSTA® MINI special



WINSTA® MIDI/ WINSTA® MIDI special



WINSTA® RD





WINSTA® MIDI



The WINSTA® system that connects all electrical components with each other offers the highest measure of flexibility and sustainability in modern buildings while readily meeting today's standards and requirements for electrical installations.

The WINSTA® system is divided into various groups from energy supply to bus lines in order to support a building's varying technical requirements. Each unique WINSTA® model has been specifically developed to satisfy pole requirements, installation restrictions and current-carrying capacities.

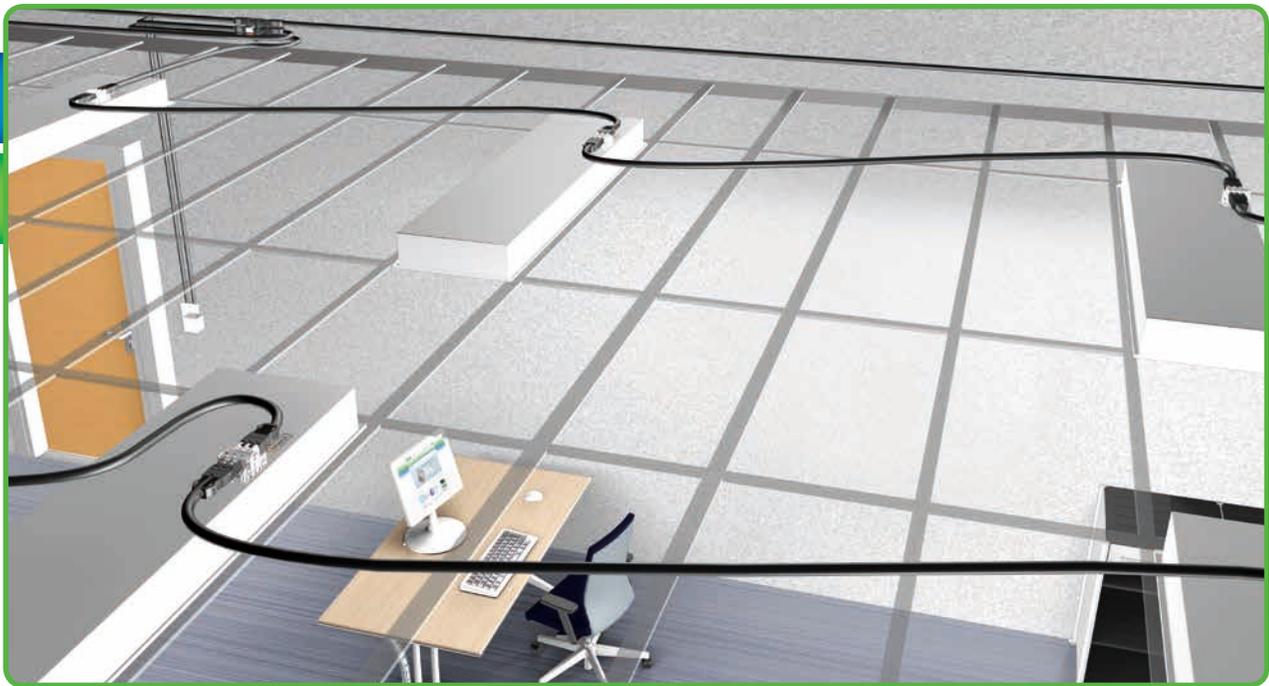
Each WINSTA® model line contains both individual components (e.g., plugs, sockets, h-distribution connectors, T-distribution connectors, distribution boxes) and cable assemblies in construction-industry standard lengths.

These 2- to 7-pole WINSTA® components are packaged upon order and provided on-site to customers.

Comprehensive WAGO Project Service:

WAGO offers consulting and project planning services to help devise the best possible solution for your project. Our experienced team of professionals will gladly help you implement your project with our products.

Contact your regional agent.



Lighting installation with Linect® T-connectors, series circuit

These ceiling lights are connected to the distribution connector via Linect® T-connectors and WINSTA® cable assemblies. The distributor is pre-assembled as a series circuit and only has to be supplied with the feed cable and switch line. In this case, the lights are then operated in two switching groups. The circuit is flexible, quick to set up and can readily adapt to new requirements using the pluggable connector system.

Item	Item No.	Description
	770-6223	Linect® T-connector
	770-637	Distribution connector for single-pole switch and series circuit
	770-623	Mounting plate for distribution connectors
	771-8973/206-X05	Connecting cable for distribution connectors/switches, 3 x 1.5 mm ²
	771-9993/006-X01	Connecting cable, plug - socket, 3 x 1.5 mm ² , black
	771-9993/106-X01	Connecting cable for distribution connector, socket - free end, 3 x 1.5 mm ² , black

X = Length in meters

Our partners (extract):

FAGERHULT

RIDI
Licht für Mensch und Technik

siteco

REGIOLUX

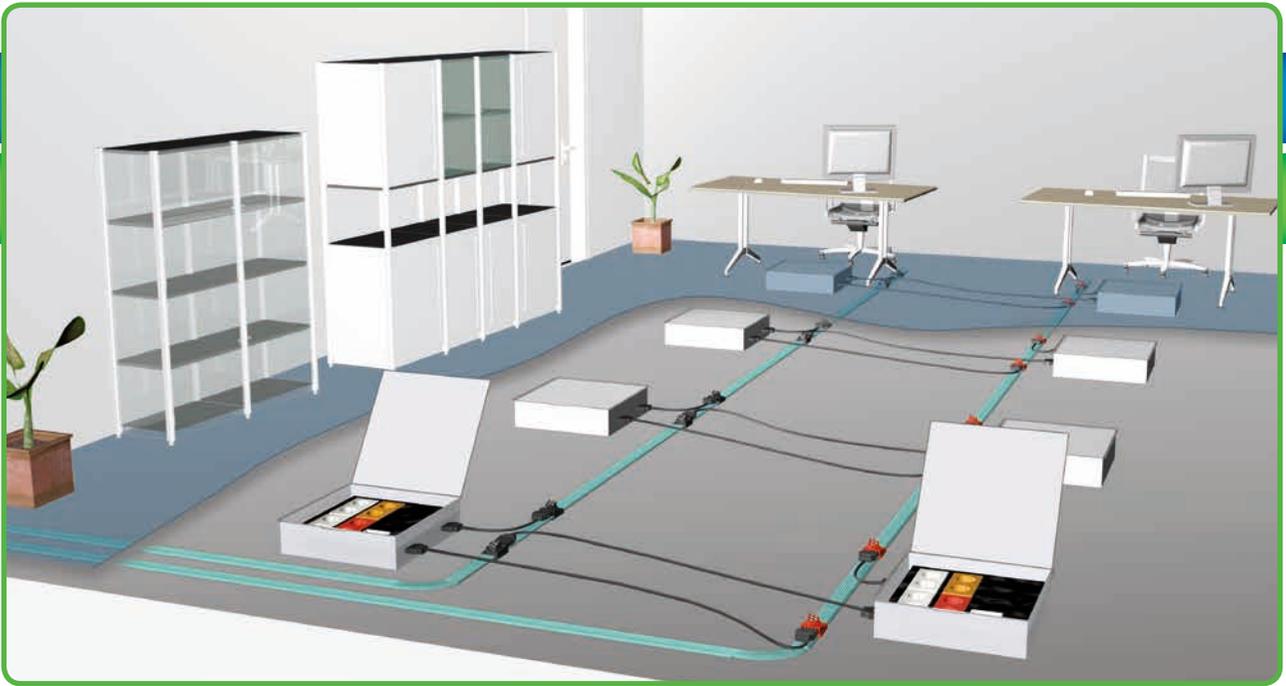
ZUMTOBEL

GLAMOX

THORN

LUDWIG
LEUCHTEN
MEHR ALS LICHT

TRILUX
NEUES LICHT.



Connecting of raised-floor boxes

IDC flat cables provide general power supply (GPS) or safety power supply (SPS) to raised-floor boxes. For each type of supply, a flat cable line is installed in the raised floor and fed via supply modules. Tap-offs are created near the floor boxes using cable-assemblies. These cable assemblies are connected to floor boxes via connectors that are 100% protected against mismatching. Floor boxes with integrated snap-in connectors can be purchased from our partners.

Item	Item No.	Description
	897-251	Flat cable 5 x 2.5 mm ² , light green
	772-263	Tap-off module with phase selection, 3-pole, black
	771-9993/007-X01	Interconnecting cable, socket - plug, 3 x 2.5 mm ² , black
	772-269	Tap-off module with phase selection, 3-pole, red
	771-9973/007-X01	Interconnecting cable, socket - plug, 3 x 2.5 mm ² , red
	897-250	Flat cable end cover, for both cable ends

X = Length in meters

Our partners (extract):



Electraplan
Solutions

TEHALIT





Connecting sunblind control distribution boxes to lights and outlets

The WINSTA® junction box is supplied with power via a connecting cable and are wired for various applications. From the standard distribution box for separate circuits to impulse current circuit up to sunblind control, everything can be implemented with the WINSTA® distribution box. Lights or sunblinds are controlled via switches. The connections are 100% protected against mismatching. The application is pre-assembled, allowing time-saving installation and expansion.

Item	Item No.	Description
	770-631/107-000	Distribution box, sunblind control, single-pole switch, distribution
	897-453	Flat cable, 5 x 4 mm ² , black
	897-250	Flat cable end cover, for both cable ends
	772-263	Tap-off module with phase selection, 3-pole, for 5 x 4 mm ² flat cables
	771-9993/006-X01	Interconnecting cable, socket - plug, 3 x 1.5 mm ² , black
	771-8973/206-x05	Connecting cable, socket - free end, 3 x 1.5 mm ² , brown
	770-114	Male connector with strain relief housing, 4-pole, for 9 - 13 mm cables, black

X = Length in meters



Power supply of outlets in dado trunking

A three-phase power supply is fed as an energy bus to the room or container via a WINSTA® connecting cable. Distribution to a 230V power supply is performed via pre-assembled distribution box. Power outputs are plugged into trunking outlets via pre-assembled interconnecting cables. For example, the products of the BR netway series by Tehalit are all equipped with WINSTA® connectors or plugs. The interconnecting cables are laid in dado trunking and simply plugged into the power outlets.

Item	Item No.	Description
	770-631/100-000	Distribution box, three-phase to single-phase distribution
	770-634	h-distribution connector for parallel connection of outlets, optional, 1 x IN / 2 x OUT
	771-9995/107-X01	Connecting cable, socket - free end, 5 x 2.5 mm ² , black
	771-9993/007-X01	Interconnecting cable, socket - plug, 3 x 2.5 mm ² , black
	Tehalit	BR netway®, halogen-free, 70 mm profile depth, incl. cover and accessories
	Tehalit	Trunking power outlet, double, with WINSTA® adapter and accessories

X = Length in meters

Our partners (extract):

TEHALIT

schulte
elektrotechnik

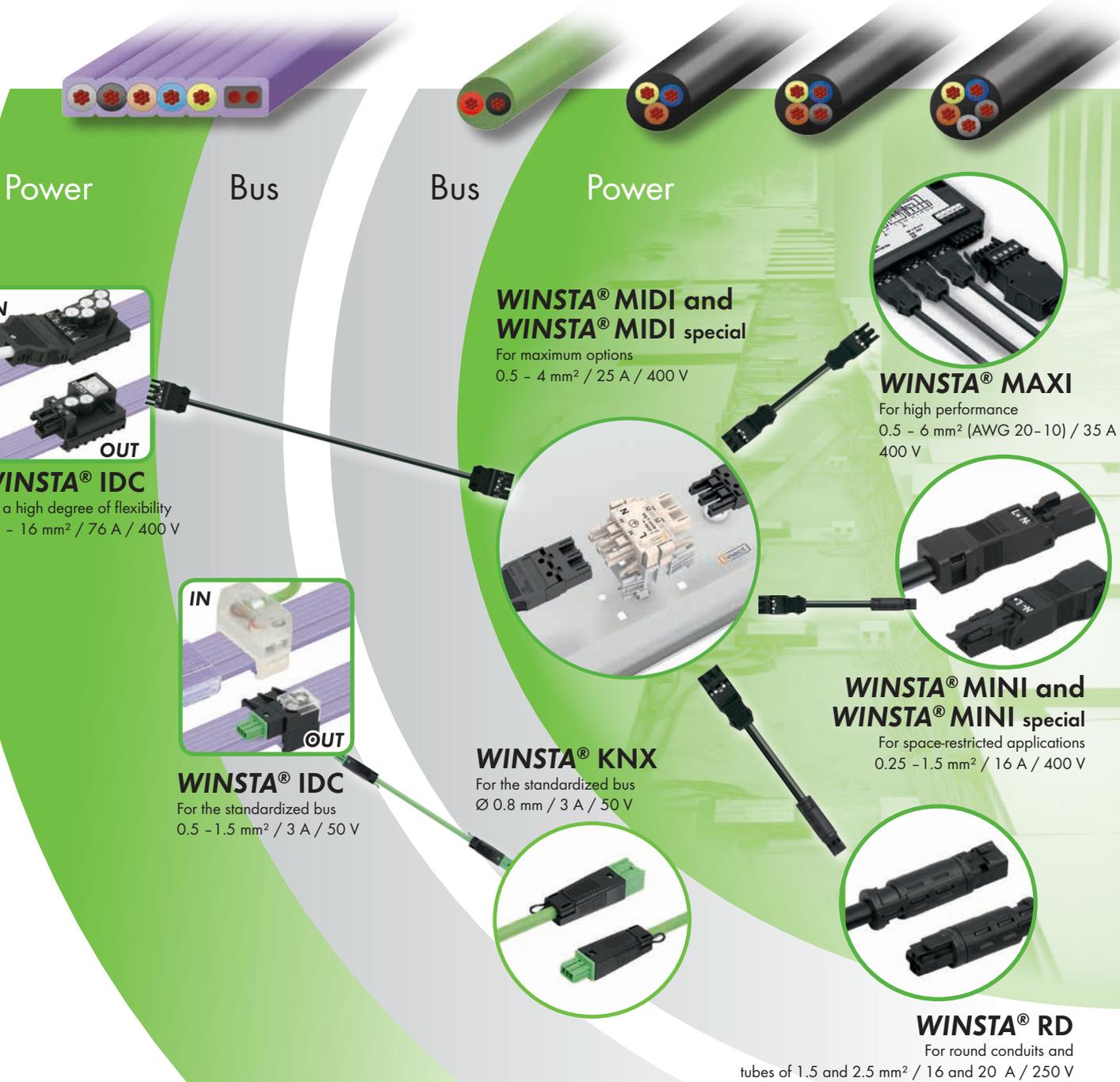
KÖNIG+
NEURATH

K
KARL

WINSTA® – Perfectly Plugged!

The System at a Glance

● Flat cable PVC, halogen-free ● Control line ● Round cable PVC, halogen-free



WINSTA® – References



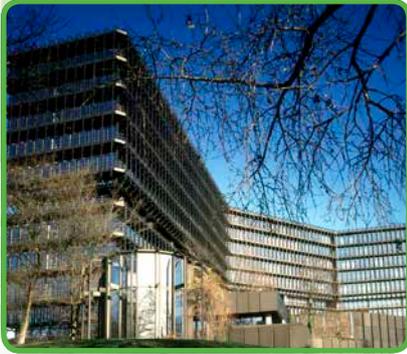
Klinikum Minden, Germany



Germany, The Sqaire



Marxim Wien, Austria



EPO München, Germany ¹⁾



Mikado, Denmark ²⁾



Gelre ziekenhuis Zutphen, Holland



Universität Twente Carré, Holland



Germany, Bombardier
Transportation Henningsdorf



Torre Cristal, Spain



Lab installations



Germany, LMC Caravan



Meyer Werft Papenburg, Germany

¹⁾ Source: European Patent Office

²⁾ 3D animation: © Eyecadcher Media ApS

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