

Q-Specials

1st Quarter 2019

Weidmuller Ltd.
10 Spy Court
Markham, ON L3R 5H6



Weidmuller Canada Infoline: 1-800-268-4080
Weidmuller Canada Fax: 1-905-475-2798
support@weidmuller.ca ISO 9001:2008 Registered
For an electronic copy of this Q-Special:
http://www.weidmuller.ca/q-specials_ca



ISO 9001:2008
10011561 QM08

QUOTATION #Q1-2019

This number must appear on purchase order to receive special prices.

Valid from January 1 to March 31, 2019

Weidmüller

Tool-less RJ45 Gigabit Connector

Special Price of \$18.50

Part of our STEADYTEC® product line, our RJ45 Gigabit connector requires no special tooling for terminations.



- Cat. 6A 10Gbit System Class EA
- Reliable and long-lasting for industrial applications thanks to use of die-cast zinc
- Suitable for 22-24 AWG solid wires
- Supports PoE, PoE+ as well as PROFINET
- Operating temperature of -40°C to 70°C
- cULus Listed to UL1863 and CSA C22.2 No. 182.4/233

Catalog #	Description	Regular Price	Special Price
196360000	IE-PS-RJ45-FH-BK	\$29.30 ea.	\$18.50 ea.

Ethernet and USB Rail Mountable Couplers

Special Price from \$21.00



- 8946920000: RJ45, 8 wire, CAT 6a coupler for TS35 mounting, straight
- 8946960000: USB type AF to type AF coupler for TS35 mounting, straight
- 1438180000: USB type AF to type BF (printer) coupler for TS35 mounting, straight

Catalog #	Description	Regular Price	Special Price
8946920000	IE-TO-RJ45-C	\$41.00 ea.	\$25.00 ea.
8946960000	IE-TO-USB	\$31.90 ea.	\$25.00 ea.
1438180000	IE-TO-USB-AB	\$26.20 ea.	\$21.00 ea.

Q-Specials



Cable Strippers/Cutters

Special Price from \$19.00

The AM 12 is an economical cable stripper for data cables and other flexible copper cables with a diameter of up to 4 mm² (~AWG12)

- Stripping of the outer insulation of UTP and STP data cables and other round cables with Ø approx. 0.5 ... 12.5 mm
- No damage to the shielding or conductor due to adjustable stripping blade

The AM 25 and AM 35 are perfect for stripping the outer cable jacketing

- AM 25: Ø 6 ... 25 mm; AM 35: Ø 25 ... 36 mm
- With the pivoting blade and the metal retaining clip, your round, longitudinal or spiral cuts work every time.

The AM 16 has an improved cutting depth setting, even processing of different insulation thicknesses with extremely thin-walled cable sheathing is no problem. The practical readout helps to fine set the blade depth.

Catalog #	Description	Regular Price	Special Price
9030060000	AM 12 CABLE CUTTER & STRIPPER	\$26.40 ea.	\$19.00 ea.
9001540000	AM 25 STRIP TOOL, ROUND CABLE	\$65.00 ea.	\$42.00 ea.
9001080000	AM35 Cable Stripper	\$79.10 ea.	\$47.00 ea.
9204190000	AM 16 sheathing stripper	\$98.40 ea.	\$52.00 ea.

SAI M12 Distributors - Hood Version

Special Price from \$57.00

8-port M12 SAI distributors with hood for user terminated "homerun" cables offered in various versions

- Standard versions with metal rings on M12 ports - CSA and UL recognized
- Economical option with plastic rings on M12 ports - cULus recognized
- 4 or 5 poles - one or two signals per port
- Standard PNP or special NPN versions for sourcing or sinking signals
- Most versions with power indicating LEDs as well as individual signal LEDs
- Special version without signal LEDs for use with analog loops

Catalog #	Description	Regular Price	Special Price
1701250000	SAI-8-M 5P M12	\$122.60 ea.	\$75.00 ea.
1781060000	SAI-8-M 5P M12 NPN	\$122.60 ea.	\$90.00 ea.
1740190000	SAI-8-M 5P M12 OL NO SIG LED	\$122.60 ea.	\$90.00 ea.
1892080000	SAI-8-M 5P M12 ECO	\$84.80 ea.	\$57.00 ea.
1892080005	SAI-8-M 5P M12 NPN ECO	\$114.50 ea.	\$75.00 ea.



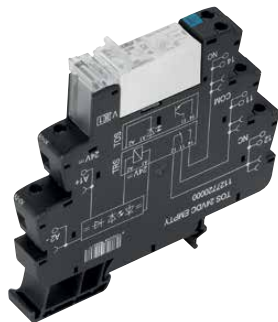
TERMSERIES Relay with 16A Contacts

Special Price from \$15.00

TERMSERIES relay module, complete modules consisting of a relay and a base with AC/DC/UC coils, available in different versions:

- With screw and tension-clamp connection
- AgNi contact, optionally with hard gold-plated contacts
- 1 and 2 COs (Form C contacts)
- Optionally with multiple-voltage input: 24...230 V UC
- With various protective circuits in the input (free-wheel diode, RC element)
- Illuminated ejection lever

Catalog #	Description	Regular Price	Special Price
1479680000	TRS 24VDC 1CO 16A	\$19.40 ea.	\$15.00 ea.
1479730000	TRS 120VUC 1CO 16A	\$24.00 ea.	\$18.00 ea.
1479770000	TRS 24-230VUC 1CO 16A	\$35.50 ea.	\$28.00 ea.



connectPower PROmax Power Supplies

Special Price from \$80.00

Power for Your Toughest Applications!

- Power boost: 300% for 2ms, 150% for 4sec and 120% continuously (for 1min. above 45°C)
- Operating temperature range of -25°C to +70°C (cold start @ -40°C, derating starts at 60°C)
- Horizontal rail side-by-side mounting without any space required
- 85-277 V AC wide input range without selection switch

- Superior specifications:
 - up to 92% efficiency
 - better than 20ms hold-up time
 - low inrush current
 - series and parallel operation possible
 - metal foot standard for increased vibration resistance up to 2.3g
- International approvals: TÜV, cURus, cULus, RCM, EAC, SEMI F47, CCC, GL (EMC1), Class 1 Division 2 for hazardous locations

Catalog #	Description	Regular Price	Special Price
1478100000	PRO MAX 72W 24V 3A	\$127.00 ea.	\$80.00 ea.
1478110000	PRO MAX 120W 24V 5A	\$165.00 ea.	\$100.00 ea.
1478120000	PRO MAX 180W 24V 7.5A	\$249.00 ea.	\$156.00 ea.
1478130000	PRO MAX 240W 24V 10A	\$280.00 ea.	\$200.00 ea.
1478140000	PRO MAX 480W 24V 20A	\$439.90 ea.	\$350.00 ea.



HELP US CONSERVE!!!

If you would prefer an electronic copy, contact: marketing@weidmuller.ca

CONDITIONS: Prices valid from January 1st to March 31st, 2019. Orders must be received by Weidmuller by this date. Orders must be sent to an authorized Weidmuller distributor. Orders must reference quotation number Q1-2019. Please note that all prices (Regular Price and Special Price) are suggested pricing only.

Guided Along the Right Track

Simple power distribution along the conveyor lines at DHL Express

The FieldPower® energy bus system and pre-assembled cables from Weidmuller allow minimum cabling effort during the implementation of a state-of-the-art parcel center.

In order to meet the sustained growth in the parcel sector, DHL Express in Switzerland commissioned the implementation of an innovative sorting center in one of the surrounding halls. The high level of automation at the new system means that parcels are handled quickly and reliably. They are transported along five high-speed infeed conveyors to a cross-belt sorter – which forms the centerpiece of the plant and boasts a peak throughput of 9,000 parcels per hour. Its scalability and the intelligent software ensure that the performance of the facility increases as the volume of parcels grows.

The scope of delivery also includes around 1,200 meters of conveying technology. Three X-ray machines were integrated in the facility for screening parcels as part of security operations at the airport. Spiral chutes, storage chutes and ULD (Unit Load Device) chutes are used to make sure the deliveries are forwarded and transported away with care.

Automation task solved cost-effectively

The transport conveyors in the sorting system are equipped with a total of 270 drives including 24V motor boxes. In order to minimize the cabling effort, several drives are supplied via one single cable with bifurcations. FieldPower® is used to distribute power along the conveying section.

How it works

“One single cable is required to connect several drives. The uncut cable is partly stripped and the insulated part is inserted in the contact system of the FieldPower® box,” explains Arno Priller, Global Key Account Manager at Weidmuller. “Assignment errors are pretty much eliminated thanks to color coding.” The individual wires of the power cable are contacted via IDC (Insulation Displacement Connection) technology, a patented cut-and-clamp contact with external spring. The contact element is moved by 90 degrees using a screwdriver. A contact unit with push-in can be used to connect incoming or outgoing cables measuring 0.5 to 10 millimeters.

Simplicity

Above all, the simplicity of the technology is impressive. The branch lines and the functions integrated into the cover, which can be expanded depending on the application, are simple to attach. The uncut cables cannot be inverted and they ensure the constant impedance behaviour that is required in the event of a short circuit for triggering the protective device. Compared with “in and out wiring”, whereby motor control devices are disconnected for measuring the impedance behaviour and must then be reconnected again, the impedance behaviour is simple to verify with FieldPower® thanks to the plug-in feature.

Installation express at DHL Express

In order to speed up implementation of the project at the parcel and logistics service provider even further, pre-assembled sensor-actuator cables with plug-in connectors from Weidmuller were also used. These enable precise controlling of the motor control units and simply need to be plugged in on-site. Pre-assembly enables significantly shorter commissioning times and the avoidance of installation errors.



FieldPower®: Modular System for Plant Automation

Flexible enclosure solutions

- Combinable modules in various sizes
- Selection of black and transparent lids
- Cooling lid for power electronics
- Individual modification with operating and signaling elements

Comprehensive range of services

- Engineering support
- Individual terminal rail assembly
- Pre-assembled wiring solutions
- Complete assembly of the functional modules

Cost-effective wiring

- Direct connection of uncut power lines
- Solutions for power distribution with and without plug-in connectors
- Innovative sealing system for the use of pre-assembled cables

Fast installation of individual functions

- Tool-free installation of assembled and unassembled terminal rails
- IP20 components used in any combination
- Integration of electronic circuit boards possible
- Installation of customer-specific power electronics

Weidmuller. Let's connect.

At Weidmuller, our name has been synonymous with power, competence and reliability in machine construction, the process industry, device manufacture, the energy sector and industrial engineering for more than 160 years. In more than 80 countries, we support both our customers and our partners by supplying innovative solutions and services, as well as being a partner that you can depend on.

With a focus on Industry 4.0 (IIoT), digitalization and automation data is the gold of the 21st century – its importance and the demand for components and solutions that record, evaluate and establish connections in this data will grow unabated in the next few years. Weidmuller is developing numerous communication-capable components at the same time. The company is investing in measures to boost our core business and is expanding our product portfolio for panel building and device connectivity.



Automation & IIoT and digitalization are other fundamental focus areas for Weidmuller. The open, platform-independent automation toolbox allows for maximum flexibility and easy integration.

Secure communication networks for the factory and the cloud with IoT functionality allow for data exchange with the highest security standards.

Klippon® Connect Terminal Blocks are designed to reduce planning and development times for control cabinets. With the **Weidmuller Configurator** software tool, terminal blocks and other Weidmuller terminal rail components can be selected, configured, and ordered as required. The synergic implementation of the two offerings extends beyond traditional modular kits and results in complete application solutions for recurring panel applications.

Digitalization. Connecting automation and digitalization technologies opens up new opportunities to optimize production output. Data-based business models like application specific analytics solutions for the detection of anomalies and predictive maintenance offer a decisive advantage in the goal towards a digital transformation.



Migration Systems and PLC front-panel adapters from Weidmuller make changes to the PLC or DCS structure simple. In addition, users of the Rockwell PLC5 systems, Honeywell IPC620 and other major platforms can now save time and money when performing the necessary migration to more modern systems.

Weidmuller's new FieldPower® provides economical solutions for decentralized automation tasks. This modular system is designed to make well-established control cabinet functions such as feed-in, switching, protection and monitoring fit for use in the field. With the FieldPower® line of products, system planners can implement decentralized system and automation concepts that are future-proof and economical. The versatile module facilitates the transformation of IP20 into IP65.

Wireless and Network Portfolios expanded with industry unique features like a 2.4GHz modem for I/O plus gateway device and access point modem in one! Additionally the licensed modem family expands into the 320-960MHz ranges with I/O and modem MESHing technology to easily combine all aspects for data acquisition for large scale municipal and automation applications.



We design our products to be much more than functional. At Weidmuller, our goal is to offer solutions that can help you save cabinet space, lower installation time, provide touch safe connections and eliminate down time.

www.weidmuller.ca

Weidmüller 