

COMPACT



BENEFIT FROM MODLINK HEAVY – MURRELEKTRONIK'S HEAVY-DUTY CONNECTORS

Murrelektronik's Modlink Heavy series of heavy-duty connectors ensure the reliable transfer of signals, energy, data and pneumatics. They consistently protect interfaces from dirt, water, vibration and high mechanical loads.

By combining one of our 2-piece housings (available in 7 sizes) with your choice of crimp contacts, fixed or modular inserts and their available accessories you can build the ideal combination for your application.

Maximum Variety:

- Four different housing types, each in seven different sizes
- Housing up to degree of protection IP68 – maximum tightness
- Different fixed-pole and modular contact inserts for high flexibility
- Worldwide use through country-specific approvals such as UL and CSA

Advantages

- **Compatible:** Housings are compatible (assembly and connection) with the market standard.
- **Flexible:** Different connection technologies can be combined with each other while remaining market standard compatible.
- **Versatile:** Compatible interfaces are available in all market sizes and with a wide range of connections.
- **Simple:** In addition to fixed inserts, modular inserts are available for various power classes. This all-in-one solution

combines your data, signal, pneumatic and power transmission in one connector – simply snap into the plug-and-play multi-frame and everything is ready to use.

- **Fast:** Quick connection techniques (push-in) allow you to make line connections in seconds. The push-in modules are available for all fixed and modular contact insert sizes.
- **Global:** UL approval makes them suitable for worldwide use.

Housing

Modlink Heavy is available in seven different sizes and four different housing types (grommet, surface-mounted, base and coupling housings). The housings are available in a range of IP ratings (up to IP68) making them suitable for a range of applications.

- Rated up to IP68
- Market standard compatible
- Different metric drill sizes available
- Three different locking types (transverse, longitudinal and screw)



Fixed Pole Inserts

Our fixed pole inserts are available in 8 sizes – A, D, E, EE, K, HSE, HV and Q with up to 830V voltage ratings, up to 80A current ratings and three different connection methods – screw, crimp and push-in.

- Voltage Rating: 250 to 830 V
- Current Rating: 10 to 80 A
- Number of Poles: 3 to 64 + PE
- Market standard compatible



Modular Inserts

By selecting modular inserts, a customer can combine signal, power, data and pneumatics in a single connector. Using the Quick Connect system, the modules are mounted (tool free) in the multi-frame. Our program includes four frame sizes – B6 to B24 (which can hold up to six individual connectors) – and over 20 basic modules including axial screw connection, coax, multi-pin crimp and push-in connections, pneumatic modules, RJ45, Gigabit modules and more with which you can configure a wide variety of solutions – tailored specifically to your application.

- Voltage Rating: 160 to 1000 V
- Current Rating: 10 to 200 A
- Number of Poles: 1 to 20
- Market standard compatible





Accessories and Tools

Murrelektronik offers a wide range of accessories for Modlink Heavy. Protective covers can be ordered for both the upper and lower housings. Various crimp contacts (AWG 26- 8, 0.14 – 10 mm²) including gold and silver can be ordered for both the fixed and modular inserts. The Murr Tools family includes release tools, crimping pliers, cable shears, cable cutters, side cutters, stripping tools and wire strippers. All are designed to make installation quick and easy.



Learn more about Modlink Heavy in our onlineshop under shop.murrelektronik.de.