

# WMF terminals – Weidmüller Multi-Functional

The efficient and extremely flexible solution for the routing and distribution of signals

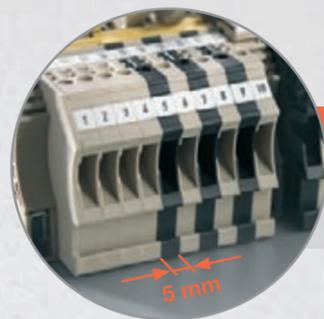
In process control systems for facilities in the process and power generation sectors, incoming signals from field devices are often connected with terminal blocks within marshalling cabinets. Terminal blocks are used despite the existence of alternative technologies such as Remote I/O and Fieldbus. This is mainly because they offer a robust and simple connection system, and are clearly arranged.

Weidmüller's new WMF (Weidmüller Multi-Functional) line of terminal blocks provides a multi-functional solution for routing and distributing signals. This space-saving terminal block combines all the necessary functionality into a single solution. It features an integrated shield connection and can be used with feed-through, fuse and disconnect functionality. The three cross-connection channels and wide variety of labelling options offer additional flexibility.



### A solution to fit any scenario

Feed-through, fuse and disconnect functions, and even an integrated shield connection: all the required functions are combined together in this design.



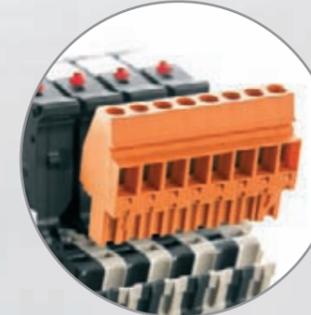
### Saves space in the switching cabinet

The 5-mm width allows for high-density wiring. The integrated shield/PE connection replaces the shield-connection devices or the PE terminal blocks.



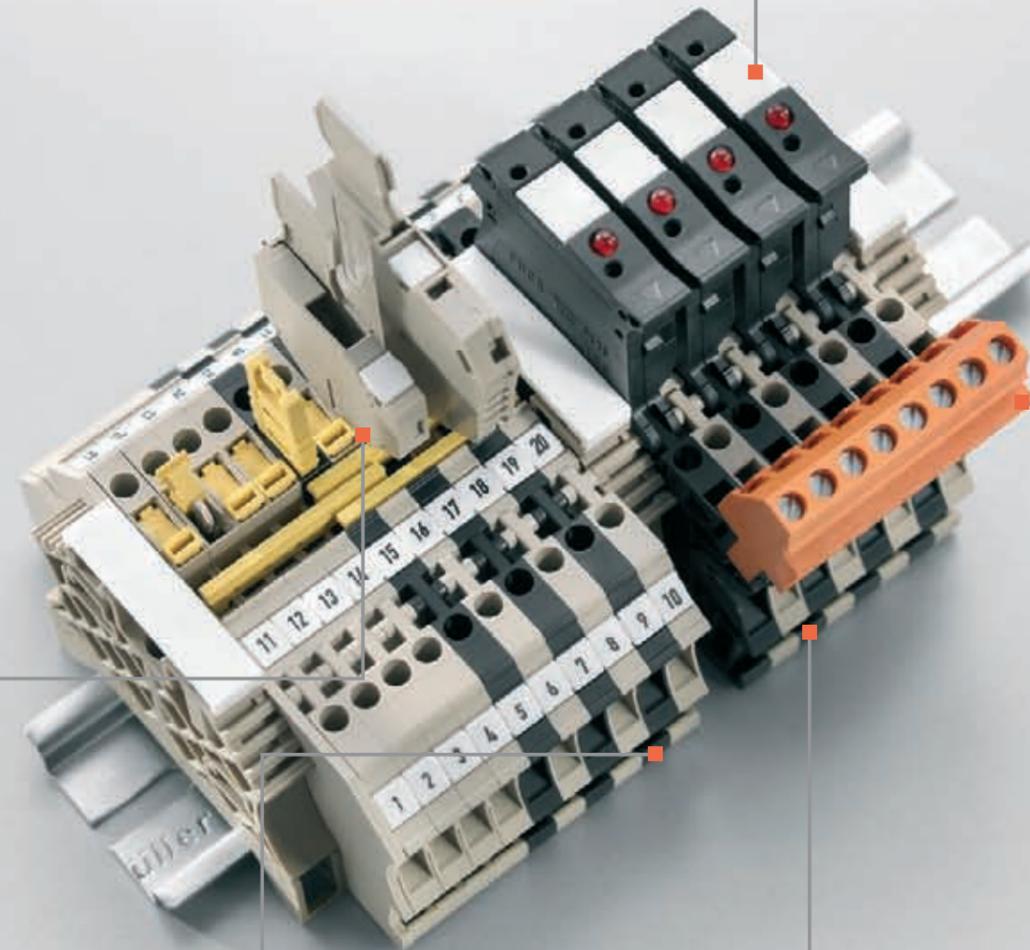
### Fuse is convenient to replace

The new design of the fuse holder includes a hinged fuse carrier – this enables the fuse to be replaced quickly and reliably.



### Routing distribution with Plug & Play

Instead of using a screw connection to contact each signal at the routing levels, pre-assembled cable sets with BLZ mating profiles are used. This saves you valuable wiring time in the field.



### Optional LED status indicator



Easy identification during troubleshooting and no interference signals in control circuit – because of optional bright LED status display and minimal leakage current (less than 0.5 mA).

### Cross-connection channels



The WMF terminal block has three cross-connection channels; they are a very flexible solution for bundling and looping through of potentials. The standard ZQV cross-connections can be used to join both the neutral wire and also a shielded potential voltage across a large number of poles.



### Global reliability

Weidmüller's proven screw-connection mechanism guarantees that the product will be easy to operate, recognize, and maintain anywhere throughout the world.

**Connect - Protect - Optimise**

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