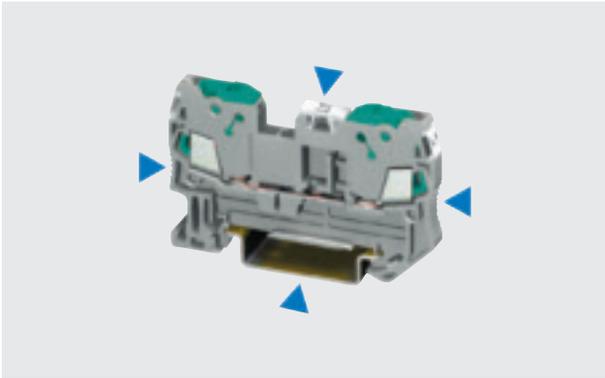


# ALPHA FIX Terminal Blocks

## ALPHA FIX 8WH Insulation Displacement Terminals

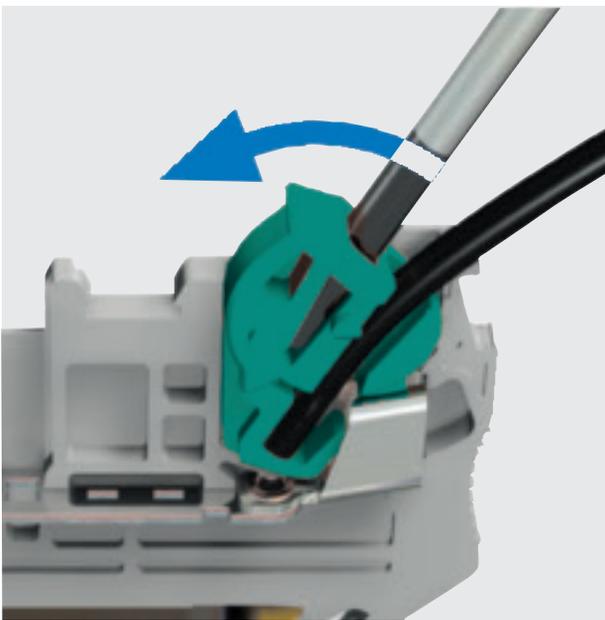
### Introduction

#### Introduction



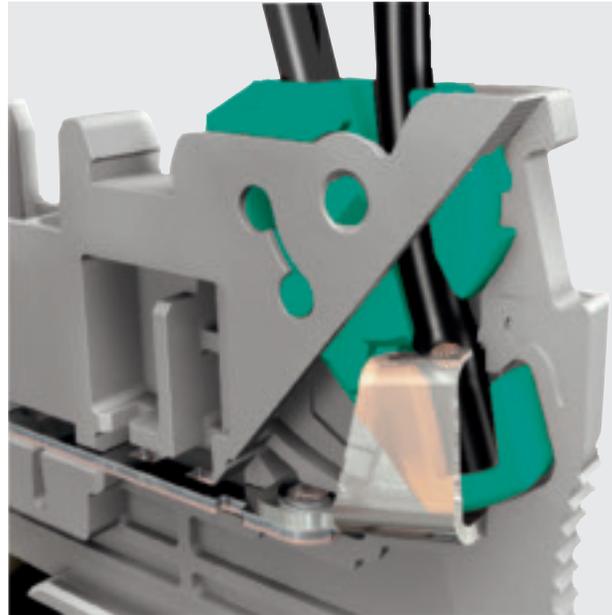
The insulation displacement terminal series is characterized by the rotary IDC system. With this concept, space can be saved in the control cabinet without impairing the quality characteristics:

- Large inscription area
- Maximum connection compartment
- Flexible connecting comb system

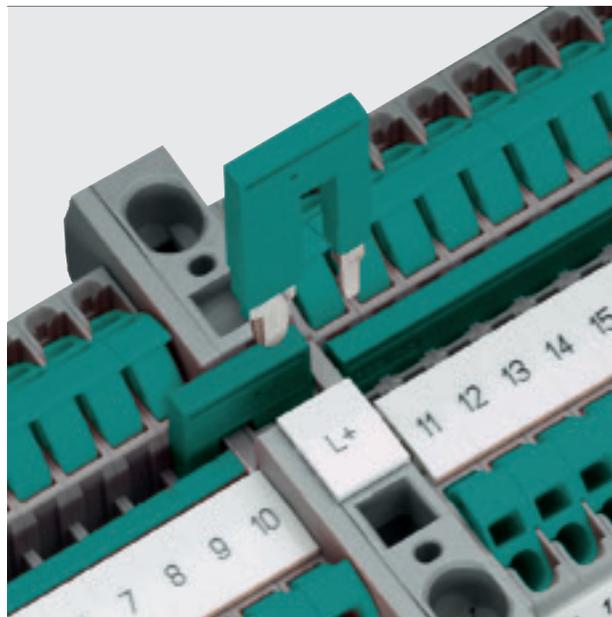


Time saving of 60 % and more compared to other connection systems.

With the high-speed insulation displacement connection system, there is no stripping of the insulation and no protecting of the splice. The leads need only to be cut to length and can then be contacted without seconds.



Conductors from 0.25 to 2.5 mm<sup>2</sup> are connected by the insulation displacement contact. High-grade special alloys and latching of the switch states ensure reliable electrical connections at all times. Large, spring-loaded contact points guarantee a current load rating of 24 A.

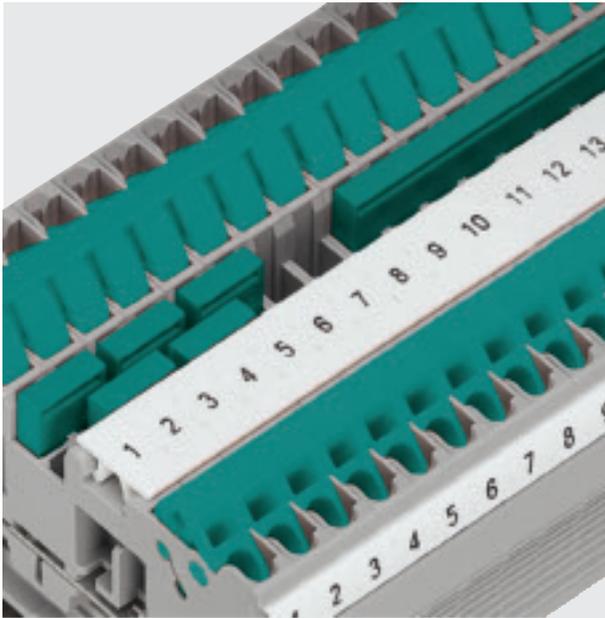


Where power cables with large cross-sections are connected, the reducing comb allows a time- and cost-saving distribution of the potential. The reducing comb can be used, for example, to connect a 10 mm<sup>2</sup> spring-loaded through-type terminal with an insulation displacement through-type terminal for terminal size 1.5 mm<sup>2</sup> and two clamping points or an insulation displacement through-type terminal for terminal size 2.5 mm<sup>2</sup> and two clamping points.

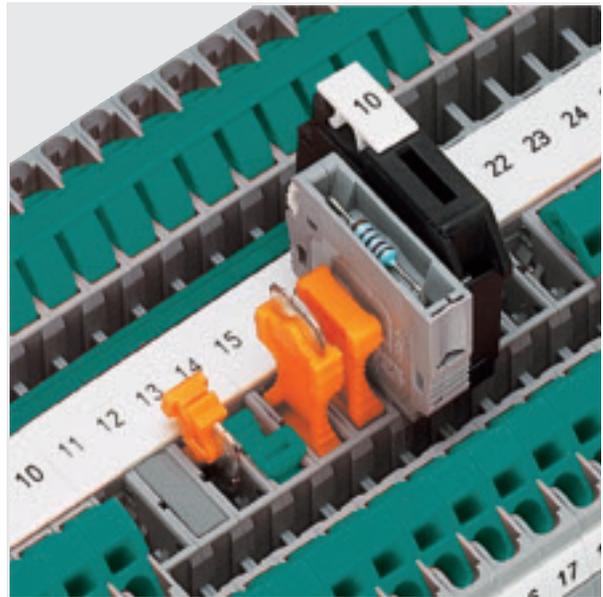
# ALPHA FIX Terminal Blocks

## ALPHA FIX 8WH Insulation Displacement Terminals

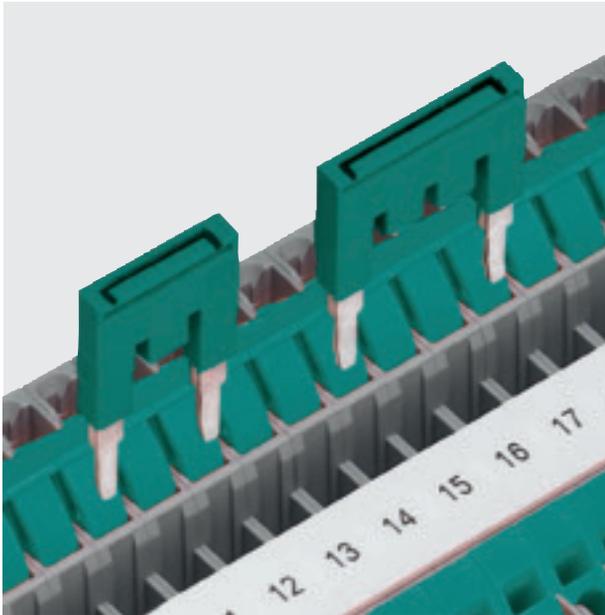
### Introduction



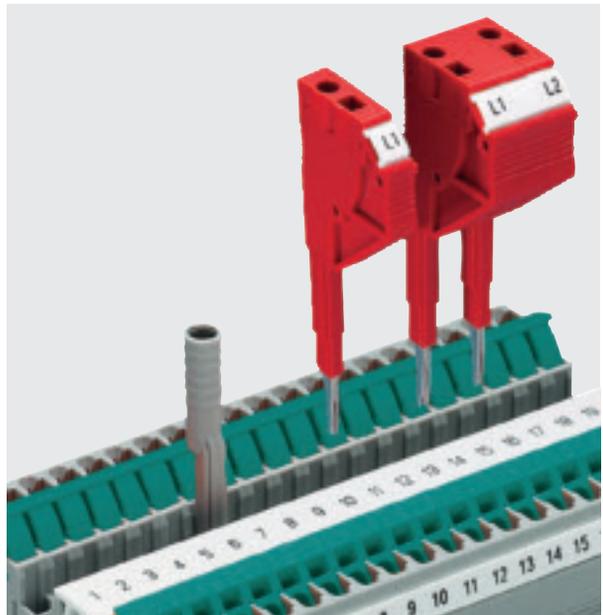
The standardized connecting comb system allows several terminals to be linked efficiently and quickly with a single bridge. The range covers 2- to 50-pole connecting combs, which help to considerably reduce the amount of wiring work.



In the isolating terminal's universal plug-in zone, isolated through-type connectors, isolating plugs, component connectors and fused connectors can be fitted.



Teeth can be removed from the standard comb in order to skip individual terminals. Two potentials can thus be carried in parallel. A marking possibility is available on the top of the connecting comb.



Test adapters are available for  $\varnothing 4$  mm test and safety test plugs. With the test plugs for side-by-side mounting, test adapters can be individually assembled. Test leads can be connected with  $\leq 1.5$  mm<sup>2</sup> tension spring / insulation displacement connection.

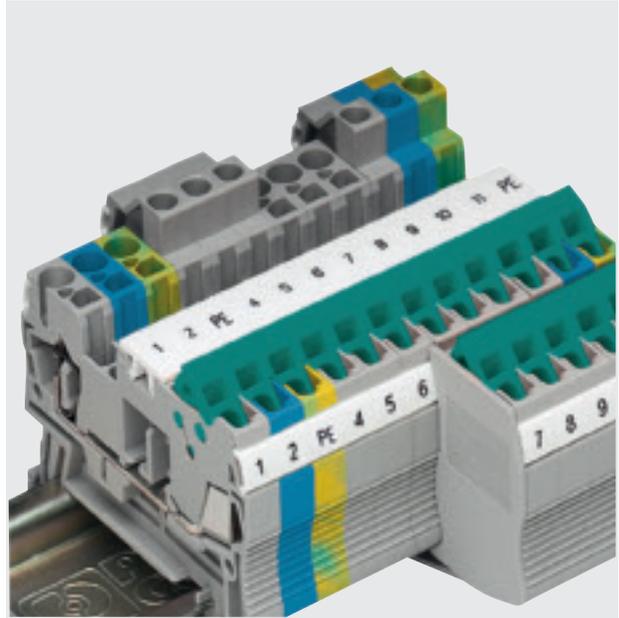
# ALPHA FIX Terminal Blocks

## ALPHA FIX 8WH Insulation Displacement Terminals

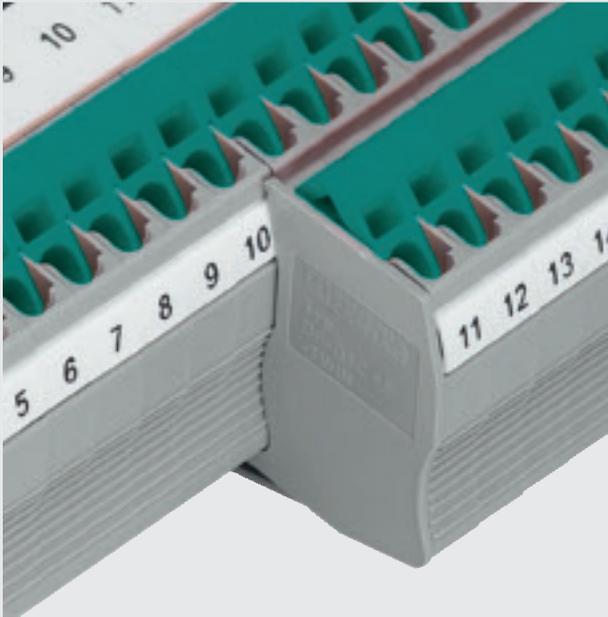
### Introduction



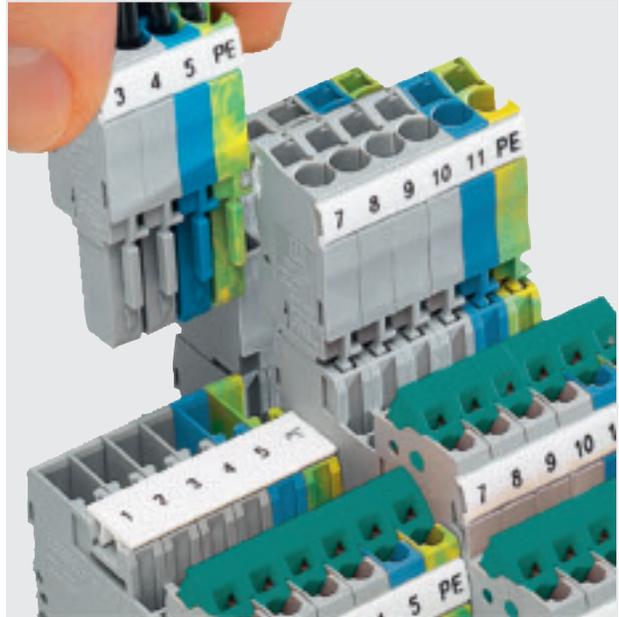
The unambiguous and easy-to-read marking in the center of the terminal is essential for time-saving installation. In addition to the large inscription in the center, each clamping point can be separately labeled.



The hybrid versions combine the time-saving insulation displacement connection system on the one hand with the advantages of the screw or spring-loaded terminal on the other.



The cover segment is used to cover multi-wire terminals when mounting two-wire terminals side-by-side. Fingerproof design requirements are satisfied.



Insulation displacement terminals are available for creating plug-in arrangements of signal wiring. The system is fingerproof and includes plugs with a comprehensive range of accessories for assembly by the user in situ.