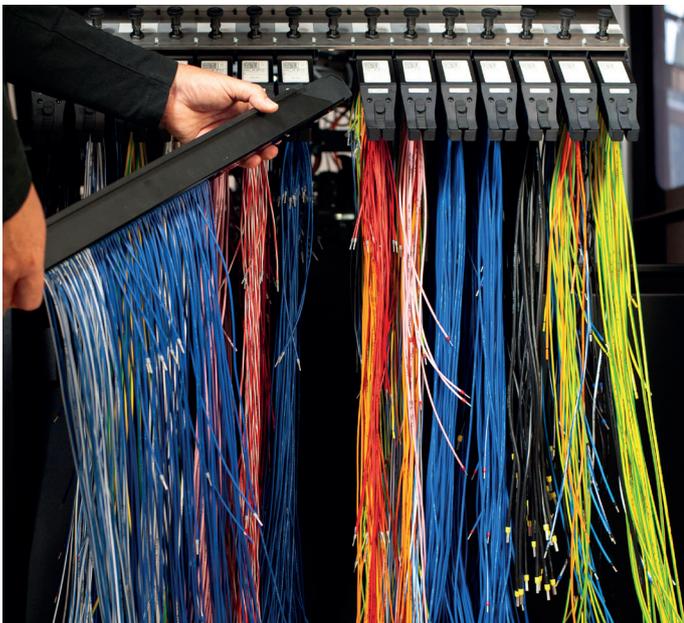# PRODUCT DATASHEET

OVERVIEW

The **Wire**Terminals of the C3000 series fully automatically assemble wires for control panel manufacturing. Up to 36 different wires can be processed without retooling.

KEY FEATURES

- Feeding up to 36 wires simultaneously without retooling
- Wire labelling using inkjet printers
- Five-way crimper for ferrules from 0.5 mm² to 2.5 mm² or ten-way crimper for ferrules from 0.5 mm² to 6 mm²
- Different end processing possible on each side of a wire
- Data from export files such as XLSX, CSC or TXT as well as interface to ECAD systems

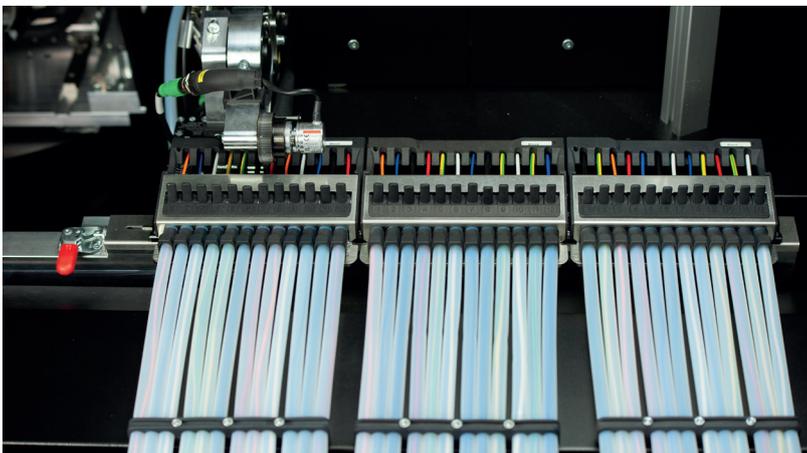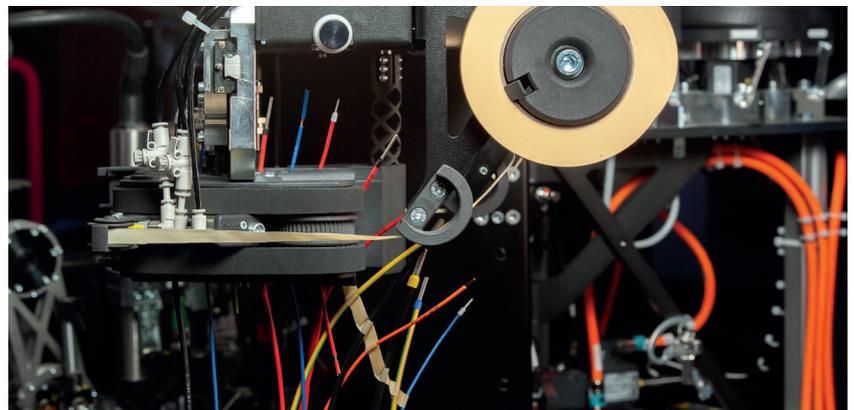|	WireTerminal C3005	WireTerminal C3010
Wire length range	150 mm to 7,000 mm	
Wire cross-section range	0.5 mm² to 2.5 mm²	0.5 mm² to 6 mm²
Wire diameter range	min. 1.6 mm, max. 4.0 mm	min. 1.6 mm, max. 4.0 mm
Ferrule length	8 mm to 18 mm	
Continuous partial removal	6 mm to 20 mm	
Continuous full removal	2 mm to 22 mm	
Number of ferrule types	5	10
Number of wires processed simultaneously	36	
Cycle time with ferrules crimped on both sides (150 mm)	8 sec	
Dimensions	Length = 2,255 mm Width = 1,960 mm Height = 2,255 mm	
Weight	1,390 kg	
Compressed air connection	min. 6 bar, max. 10 bar	
Compressed air consumption	up to 60 Nl/min	
Operating voltage	230 V, 1~, 50 Hz / 60 Hz	
Control voltage	24 V	
Power consumption (approx.)	1 kW	

OUTPUT TYPES

The **Wire**Terminal C3000 series offers different output types for the pre-assembled wires:

- **Output via patented WireRails:**
  With up to 15 **Wire**Rails for different wire cross-sections in which the wires are stored individually according to wiring sequence.
- **Output via tape chains:**
  Different cross-sections can be fixated sequentially with tape and collected as finished tape chains.
- **Drop**

ACCESSORIES

- Cleaning station
- **Wire**Printer Eco
- Printer Trolley
- **Wire**Cart
- **Wire**Storage
- Wire feed cassette
- **Wire**Rails
- **Wire**Rail locks
- Cleaning set

ADVANTAGES

- With crimped ferrules on both ends, the cycle time can be reduced to 8 seconds with a wire length of 150 mm
- Skilled workers can concentrate more on demanding tasks
- No waste
- Clear labelling on each wire

Ready for the next step?
Discover all details online: