



# C1380

crimp module

**komax**

# POWERFUL CRIMPING OF TERMINALS FOR LARGE CONDUCTOR CROSS-SECTIONS

## C1380

The crimp module C1380 is currently used in the fully automatic wire processing machine Alpha 560 and offers a wide processing spectrum for conductor cross sections of 2.5 – 16 mm<sup>2</sup>. With its exceptional flexibility and high crimp force of max. 50 kN, the C1380 is extremely versatile. With its high crimp force, however, this module is primarily used for heavy-duty applications, i.e. for solid grounding wires, battery wires and similarly thick wires.

### Outstanding features for precision and high quality

- Conductor cross sections of 2.5 – 16 mm<sup>2</sup> (AWG 14 – 6)
- Crimp force max. 50 kN
- Standard fully integrated CFA+/CFA crimp force monitoring for perfect results and minimal rejects.
- Setup directly on the module via the wire button and with creep speed function
- Proven technology from the modules C1340/1370
- Optional terminal strip chopper cuts terminal strips up to 1.2 mm thickness

### Strong, flexible and reliable

With a crimp force of 50 kN, even demanding terminals of up to 55 mm in length can be processed with ease. The wide processing spectrum of 2.5 – 16 mm<sup>2</sup> offers great flexibility. The robust crimp module design delivers extraordinary repeat accuracy. A powerful cutting mechanism cuts terminal strips up to 1.2 mm thickness.

### Safe operation and setup directly on the module

Wire positioning directly on the module reduces the time required for setup, change-over and sampling. A creep speed function ensures precise setting of the crimp position. A new wire can be loaded with the wire button directly on the module.

### Proven quality concept

The integrated CFA+/CFA crimp force monitoring reduces rejects to a minimum. The crimp process is controlled via Komax HMI with operator guidance. The advanced operating concept and proven control technology guarantee the highest-quality results.

### Technical data

Max. crimp force	50 kN
Conductor cross section	2.5 – 16 mm <sup>2</sup> (AWG 14 – 6)
Stroke	40 mm
Shut height	135.80 mm standard
Crimp force monitoring	Komax CFA+/CFA
Tool fixture	AMP® compatible with the quick-change system as standard. Other variants on request.
Communication interface	EtherCAT bus

- 01**  
Innovative operation on the crimp module during the setup process.
- 02**  
With a crimp force of 50 kN, demanding crimp terminals of up to 55 mm in length can be processed with ease.
- 03**  
Upper tool fixture with integrated CFA sensor.



01



02



03

## Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

Komax AG  
Industriestrasse 6  
6036 Dierikon, Switzerland  
Phone +41 41 455 04 55  
sales.din@komaxgroup.com

**komax**  
komaxgroup.com