



SLD 4100
Double Gripper Module for CrimpCenter

STATIONS

SLD 4100

Concept

The SLD 4100 double gripper module can be used with all models of the CrimpCenter family for processing horizontal and vertical doubling crimp applications. The module gathers two single wires in the proper orientation allowing the swivel arm gripper to collect them. The wires are then moved to a separate station for termination into a doubling crimp.

The SLD 4100 can process two wires with outer diameters from 1 to 4 mm (0.039 - 0.157"). Each wire can have a different length and depending on the terminal design, wire orientation can be either vertical or horizontal. Wire orientation is fully programmable in the CrimpCenter EASY operating software and no tools are needed for changes.

Special Features

- Horizontal or vertical doubling
- All parameters are fully programmable without mechanical adjustments
- Simple programming directly in CrimpCenter EASY operating software

Processing Capabilities

All of the applications listed below require an SLD 4100 double gripper module and additional processing stations. Possible configurations depend on the number of available stations of your CrimpCenter model.

Doubling Crimp (2-terminals)

- CrimpCenter 36 / 63 / 64 / 67

Doubling Crimp (2- or 3-terminals)

- CrimpCenter 36 / 64 / 67

Doubling Crimp with Crimp / Seal (2-terminals)

- CrimpCenter 36 / 64 / 67

Doubling Crimp with Crimp / Seal (2- or 3-terminals)

- CrimpCenter 36 / 67

Doubling Crimp with Twist / Tin and Crimp (2-terminals)

- CrimpCenter 36 / 67

Technical specifications	
Wire Diameter	1 – 4 mm (0.039" - 0.157")
Control	DC 24 V, 10 A
Power Supply	DC 24 V, 10 A
Air Supply	Min. 6 bar, oil-free, dried and filtered compressed air
Dimensions (W x H x L)	122 x 380 x 405 mm (4.80 x 14.96 x 15.95") (including connections)
Weight	6.5 kg (14.3 lbs)
CE-Conformity	The SLD 4100 installed on CrimpCenter fully automatic machines complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Notice	In some cases Schleuniger recommends that wire samples be submitted to ensure the feasibility of particular applications.