

## Entry Level IDC Termination Machines

### Features

- Cost effective
- Simple set up
- Simple operation
- Active support of the IDC-terminal during termination of the lead
- Termination of two leads into one cavity (double wire application) programmable, dependent on connector
- Connector fixture with 3 nests to accommodate up to 12 positions at 5 mm pitch and 24 positions at 2.5 mm pitch
- Blade set for cutting the keying ribs (SIM 252T and SIM 502T only)
- Exchangeable connector fixtures (programme dependent)

### Technical Data

#### Power Supply

230 V

#### Air Supply

6,5 bar (650 kPa)

#### Cycle Time

6 s per wire

#### Dimensions

W = ca. 1372 mm

H = ca. 722 mm

L = ca. 485 mm

#### Weight

approx. 125 kg



### Compatible Tyco Electronics Contacts

**AMP MONO-SHAPE Mark I**  
compatible with SIM 502T  
PN 528377-6

**AMP MONO-SHAPE Mark II**  
compatible with SIM 501T  
PN 528377-1

**AMP multifitting Mark II**  
compatible with SIM 500T  
PN 528377-2

**AMP DUOPLUG 2.5**  
compatible with SIM 252T  
PN 528377-3

**AMP DUOPLUG 2.5 Mark II**  
compatible with SIM 250T  
PN 528377-4

**AMP DUOPLUG Power**  
compatible with SIM 251T  
PN 528377-5

This Machine applies Tyco Electronics connectors used within the Household Appliance Industry. Each connector type requires a separate, specific machine.

Interchangeable, adjustable connector fixtures enable the application of connectors with different numbers of position.

For that purpose, individual IDC- connectors are loaded into the fixture and advanced automatically into the termination station.

The manually inserted wires are terminated into the IDC contacts according to the programme.

Subsequently, the covers are separated from the housing and closed into position.

IDC termination machines types SIM 252T and SIM 502T feature an integrated unit for cutting of the keying ribs. When producing IDC connection using the other machines, a separate cutting unit is required.

The processed connector fixture, containing the completed harness modules, can now be removed from the easily accessible feed track