



SIM 50E /51E/52E/25E/27E Modular IDC Workstations

Features

- Semi automatic Workstations, which are also optionally combinable with both the FHM Mark II and FHM IDC fully-automatic machines
- High output bench machine for single wire IDC-termination

These IDC Workstations Series E are designed to be used either with the FHM Mark II or the FHM IDC fully-automatic machines or as stand alone machines.

Compatible Tyco Electronics IDC Connectors

AMP DUOPLUG 2.5 Mark II
SIM 25E

AMP DUOPLUG Power
SIM 25E

AMP DUOPLUG Power 10 A
SIM 27E

AMP multifitting Mark II
SIM 50E

AMP MONO-SHAPE
SIM 52E

AMP MONO-SHAPE MarkII
SIM 51E

Technical Data

Cycle time
1.1 ~ s / wire
operator dependant

Electrical connection
3x400 V AC, 50 Hz

Pneumatic connection
600 kPa (6 bar)

Dimensions [mm]
W = 850
H = 1700
L = 775

Weight
Approx. 220 kg

These semi-automatic machines have been designed to apply all Tyco Electronics connectors used within the Household Appliance Industry. The machines are configured as base machines which can be extended through a variety of production enhancing options.

The machines configurability leads to an economical and application specific solution.

Connectors are separated automatically within the machine.

Key cutting and connector checking are all automatic processes.

The wires are inserted one by one manually and the machine controls the wire insertion length automatically.

Any rejects are separated automatically.

Simultaneous double wire terminations are possible for following connectors:

- AMP multifitting Mark II and
- AMP MONO-SHAPE Mark II

One sequence can contain up to 12 positions in a 5 mm pitch or up to 23 positions in a 2.5 mm pitch.

Picture 1

IDC Wire Harnesses with cross-overs, bridges and double wire terminations for up to two different IDC connector systems.

Possible with FHM Mark II and FHM IDC Harness Makers.

Picture 2

IDC Wire Harnesses combined with up to two (four) different crimp terminals, double wire terminations, side-by-side or stacked are also possible.

Only with FHM Mark II Harness Maker.

Basic configuration

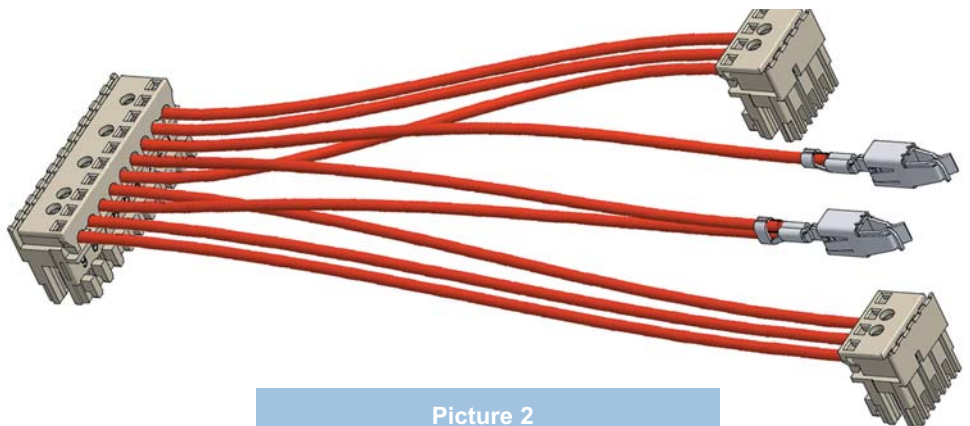
- Automatic product feeding
- Latch-cutting and separating
- Key cutting and checking
- Wire termination
- Wire length checking
- Cover closing
- Good bad sorting
- Simple and ergonomic operator interface with touch screen control and multi-language selection

Available options

- Active wire clamping
- Electrical continuity test
- 180° wire exit (not for SIM25E)
- Cover marking
- Conversion kit for AMP DUOPLUG 2.5 Mark II (only for SIM 25E)
- Conversion kit for AMP DUOPLUG Power (only for SIM 25E)
- Conversion kit for FHM Mark II
- Conversion kit for FHM IDC
- Modem remote maintenance



Picture 1



Picture 2

Global Application Tooling Contacts EMEA

Austria - Croatia - Serbia & Montenegro - Bosnia & Herzegovina - Macedonia - Yugoslavia
Sales and Field Service
Herbert Wiesinger
Phone +43-1-90560-1236
herbert.wiesinger@tycoelectronics.com

BeNeLux
Sales
Henk van Hassel
Phone +31-73-6246-108
hhassel@tycoelectronics.com

BeNeLux
Field Service
Ron Bruurmijn
Phone +31-73-6246359
r.bruurmijn@tycoelectronics.com

Product Information Center BeNeLux
Phone +31-73-6246-999
Fax +31-73-6246-931
picbenelux@tycoelectronics.com

Czech - Slovakia
Sales and Field Service
Drahomir Bazant
Phone +420-541-162-150
dbazant@tycoelectronics.com

France - Morocco - Tunisia
Sales and Field Service
Dominique Verger
Phone +33 1-34208770
dverger@tycoelectronics.com

Product Information Center France
Phone +33 1-3420-8943
Fax +33 1-3420-8623
pic.france@tycoelectronics.com

Germany North
Sales
Ernst Haase
Mobile +49-(0)-171-3540709
ehaase@tycoelectronics.com

Germany South-East
Sales
Manfred Dürr
Phone +49-(0)-171-3539664
mduerr@tycoelectronics.com

Germany South-West
Sales
Richard Renner
Mobile +49-(0)-171-3538938
rrenner@tycoelectronics.com

Germany Central
Sales
Manfred Schulz
Mobile +49-(0)-171-3539137
manfred.schulz@tycoelectronics.com

Germany
Field Service
Michael Quick
Phone +49-6521-133-1251
mquick@tycoelectronics.com

Product Information Center Germany
Phone +49-6251-133-1999
Fax +49-6251-133-1988
germany-pic@tycoelectronics.com

Great Britain
Sales
Bruce Verrall
Phone +44-1237-428654
bruce.verrall@tycoelectronics.com

**Great Britain - Republic of Ireland
Egypt - Saudi Arabia**
Field Service
Garry Faulkner
Mobile +44-(0)-7711082059
gfaulkner@tycoelectronics.com

Great Britain
Sales
Ashley Dakin
Phone +44-7801303735
ashley.dakin@tycoelectronics.com

Hungary
Sales and Field Service
Tibor Romány
Mobile +36-302977762
tromany@tycoelectronics.com

India - Middle East
Sales and Field Service
Muppudathy V.
Mobile +91-9890600513
muppi@tycoelectronics.com

Italy
Sales and Field Service
Enrico Racca
Mobile +39-3357197460
eracca@tycoelectronics.com

Poland - Lithuania - Latvia - Belarus
Sales and Field Service
Andrzej Orbik
Mobile +48-601248474
aorbik@tycoelectronics.com

Product Information Center Poland
Phone +48-22-4576-704
Fax +48-22-4576-720
jmatasz@tycoelectronics.com

Russia
Sales and Field Service
Ivan Lyapin
Mobile +7-910-4523571
Ivan.lyapin@tycoelectronics.com

**Scandinavia
Sweden - Finland - Denmark
Norway - Estonia**
Sales and Field Service
Pekka Alakulju
Mobile +46-709675097
palakulju@tycoelectronics.com

Spain & Portugal
Sales
José Luis Nozal
Mobile +34-619233375
jnozal@tycoelectronics.com

Spain & Portugal
Field Service
José Luis Baena
Mobile +34-93-291-0396
jbaena@tycoelectronics.com

Product Information Center Spain
Phone +34-93-291-0330
Fax +34-93-200-3779
pic.spain@tycoelectronics.com

Switzerland
Sales and Field Service
Patrick Eigenmann
Phone +41-798167094
p.eigenmann@tycoelectronics.com

South Africa
Sales
Gerd Nolzen
Phone +49-6232-302342
gnolzen@tycoelectronics.com

South Africa
Field Service
Frikkie Swart
Mobile +27-836766177
frikkies@tycoelectronics.com

Turkey - South East Europe
Sales and Service
Tayfun Ocaksönmez
Mobile +49-172-6569149
tocaksoenmez@tycoelectronics.com

www.tooling.tycoelectronics.com/europe

www.tycoelectronics.com

5-1773440-8 issued 10-2007 in Germany

AMP, TE Logo and Tyco Electronics are Trademarks
All specification subject to change. Consult Tyco Electronics for latest specification.

 **Tyco Electronics**