

EL-SIM25

COMPACT SEMI-AUTOMATIC IDC MACHINE FOR RAST CONNECTORS

APPLICABLE CONNECTORS

- AMP DUOPLUG 2.5 Mark II Connectors (2-20 positions)
- AMP DUOPLUG Power Connectors (2-10 positions)

TECHNICAL DATA

- **Electrical Connection:**
220-240 V, 50 Hz
110-120 V, 60 Hz
- **Pneumatic Connection:**
400-600 kPa (4-6 bar)
- **Cycle Time**
Approx. 1.3 s/wire
- **Dimensions D x W x H (mm)**
960 x 530 x 570

APPLICATIONS

- Large and small household appliances
- Dishwasher
- Laundry washer/dryer
- Refrigeration
- Water pump
- Water heater
- Consumer electronics

TE Connectivity offers the EL-SIM25 compact semi-automatic stand-alone machine for processing AMP DUOPLUG 2.5 Mark II and AMP DUOPLUG power RAST insulation displacement contact (IDC) connectors. The base EL-SIM25 machine is equipped for AMP DUOPLUG Mark II connectors and can be easily modified with a conversion kit to support AMP DUOPLUG power connectors.

Operation of the EL-SIM25 machine requires limited manual operator involvement, as most termination steps can be custom automated from a user-friendly color touch screen. With a cycle time of 1.3 s/wire, the EL-SIM25 machine can complete up to 5 million terminations per year.

KEY FEATURES

- Compact stand-alone machine for single wire insulation displacement contact (IDC) termination
- Easy-to-use color touch screen interface
- Newly designed process control software
- Production capacity of up to 5 million terminations per year
- Cost-effective machine for new integration of RAST connector systems
- CE certification

PART NUMBERS

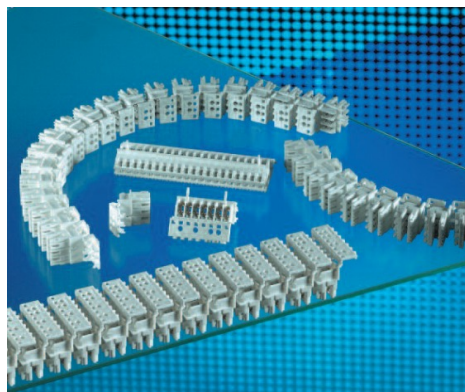
Part Number	Part Description
2404230-1	EL-SIM25C

SYSTEM CONFIGURATION

- Connector feeding-sheet for up to 6 chained connector-chains
- Connector separating unit
- Latch cutting unit
- Wire termination unit
- Wire insertion length checking
- Key cutting unit
- Cover closing
- Wire insertion length check
- Color touch screen for harness data-input
- Safety device fulfilling CE regulation

OPTIONAL FEATURES

- AMP DUOPLUG power connector conversion kit



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