



Wiring Accessories

RESIDENTIAL

- ❑ Plugs, Socket Outlets 2.5 - 10 - 16 - 32 A
- ❑ Multiple Socket Outlets
- ❑ Extension Leads, Cable Reels





Wiring Devices

RESIDENTIAL

❑ Switches and Socket Outlets

Four Ranges :

- Sintra
- Porto
- Madeira
- Douro





Wiring Accessories

RESIDENTIAL

❑ Junction Boxes

- Flex-o-Box
(up to 6 mm²)
- Series 55
(10 to 25 mm²)





Wiring Accessories

RESIDENTIAL

❑ Bells, Push-Buttons, Plug-in Devices, Connection Material





Telephone Material

RESIDENTIAL

■ Telecom Connection Material





Wiring Accessories

RESIDENTIAL

- ❑ **Thermostats**
 - electronic and mechanical





Consumer Units

RESIDENTIAL

❑ Covers, Fix-O-Rail Junior and Junior 'M'

All insulated - Metal

1 to 8 Modules

Protection Degree IP 20 / IP 44

Surface Mounting





Consumer Units

RESIDENTIAL

❑ **Fix-O-Rail Standard and Standard 'M'**

**All insulated - Metal
14 to 42 Modules
Protection Degree IP 41
Flush / Surface Mounting**





Consumer Units

RESIDENTIAL

❑ **Fix-O-Rail 150 and 150 'M'**

**All insulated - Metal
18 to 52 Modules
Protection Degree IP 44
Surface Mounting**





Consumer Units

RESIDENTIAL

■ **Fix-O-Rail 150 F-4**

**All insulated
14 to 56 Modules
Protection Degree IP 40
Flush Mounting**





Consumer Units

RESIDENTIAL

❑ **Fix-O-Rail Design**

**All insulated
BS Standards
Protection Degree IP 40
Surface Mounting**





Consumer Units

RESIDENTIAL

■ **Fix-O-Rail Classic**

**All insulated
12 to 36 Modules
Protection Degree IP 40
Surface Mounting**





Consumer Units

RESIDENTIAL

■ **Fix-O-Rail Senior**

Metal Enclosure - All insulated
48 to 144 Modules
Protection Degree IP 41
Surface Mounting





Consumer Units

RESIDENTIAL

■ **Fix-O-Rail 55**

**All insulated
12 to 36 Modules
Protection Degree IP 55
Surface Mounting**





Consumer Units

RESIDENTIAL

❑ Distribution Boards and Pan-Assemblies

BS Standards
Metal

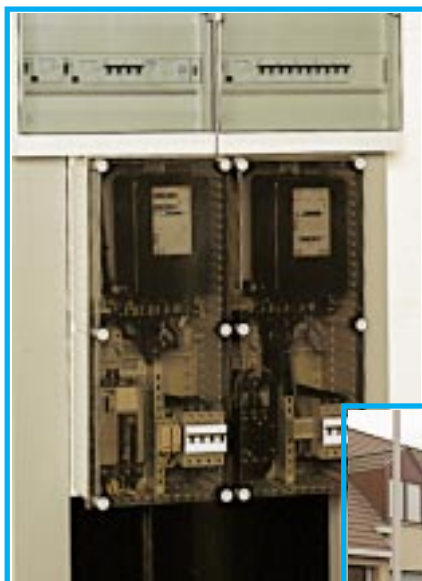




Consumer Units

RESIDENTIAL

❑ Meter Boxes and Meter Boards





Special Boxes

RESIDENTIAL

❑ Small Special Purpose Boxes





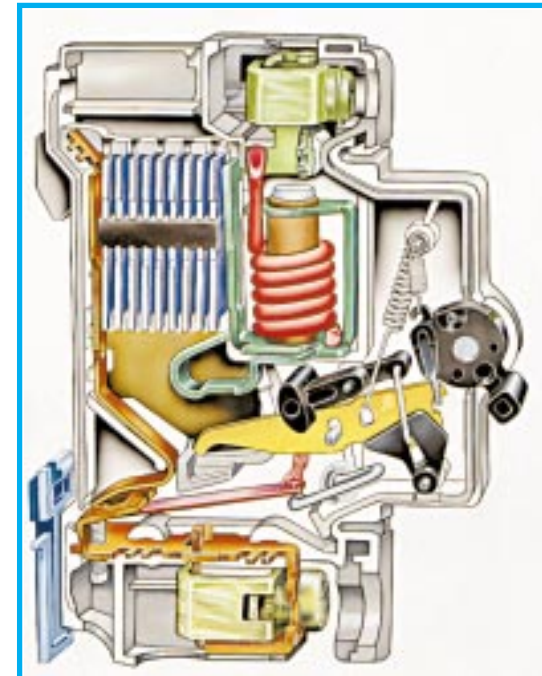
Miniature Circuit Breakers

RESIDENTIAL

■ Line Protection

Series E

3000 4500 6000 (IEC 898)
M3 M6 (BS 3771-Pt.1)
6 kA (IEC 947-2)





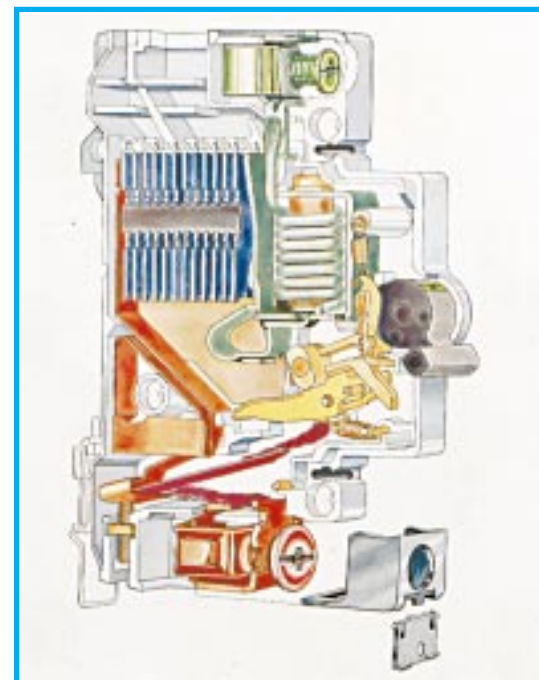
Miniature Circuit Breakers

RESIDENTIAL

■ Line Protection

Series G

6000 10000 (IEC 898)
M6 M9 (BS 3771-Pt.1)
10 kA 15/50 kA (IEC 947-2)



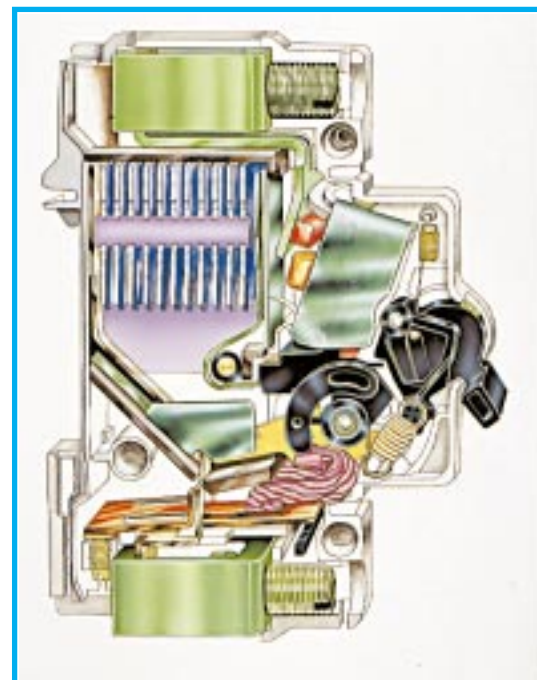


Miniature Circuit Breakers

RESIDENTIAL

■ Line Protection

Series MD125 10 kA 15/50 kA (IEC 947-2)
80 - 100 - 125 A





Miniature Circuit Breakers

RESIDENTIAL

❑ Line Protection

Series S90 25000 (IEC 898)
25 kA (IEC 947-2)
20 - 100 A

Selective MCB

Photo S90

Photo S90



Miniature Circuit Breakers

RESIDENTIAL

■ Line Protection

Series C (Ph + N) 3000 4500 6000 (NF C61-410)
6 kA 7.5 kA (IEC 947-2)
2 - 32 A





Miniature Circuit Breakers

RESIDENTIAL

■ Line Protection

Auxiliaries for MCB's



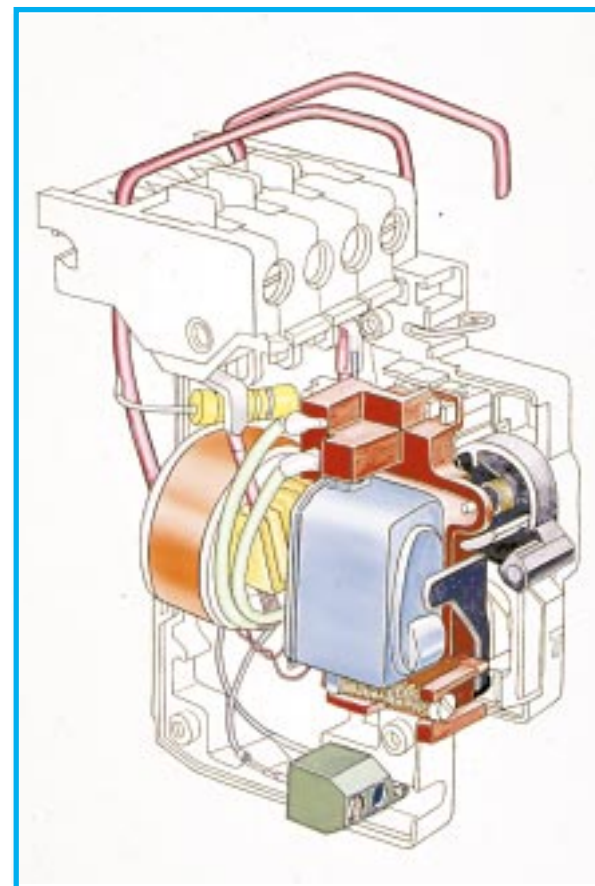


Residual Current Devices

RESIDENTIAL

❑ People Protection

Add-on RCD's Diff-O-Click





Residual Current Devices

RESIDENTIAL

❑ People Protection

- RCCB's Diff-O-Jump
- RCBO's Delta - M



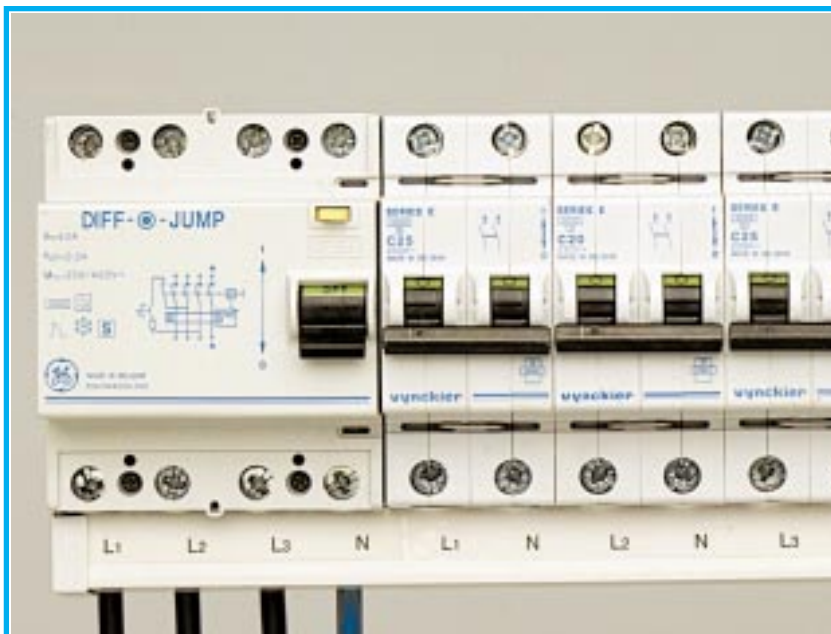


Busbar Systems

RESIDENTIAL

❑ Busbar Systems VBS

For use with MCB's, RCCD's and RCBO's





Modular Devices

RESIDENTIAL

- ❑ **Comfort Functions**
 - **Switches and Pilot Devices**





Modular Devices

RESIDENTIAL

❑ Comfort Functions

- Socket Outlets, Bell transformers
- Timerrelais, Emergency Light





Modular Devices

RESIDENTIAL

❑ Comfort Functions

- Impulse Switches, Relays,
- Priority Relay, Contactors





Modular Devices

RESIDENTIAL

- ❑ **Comfort Functions**
 - Analog and digital timers





Modular Devices

RESIDENTIAL

❑ Comfort Functions

- Analog and Digital Measuring Devices
- Netanalyser





Modular Devices

RESIDENTIAL

■ Comfort Functions

- Staircase Lighting Switches, Hour Counters
- Light-sensitive Switches, Surge Arresters

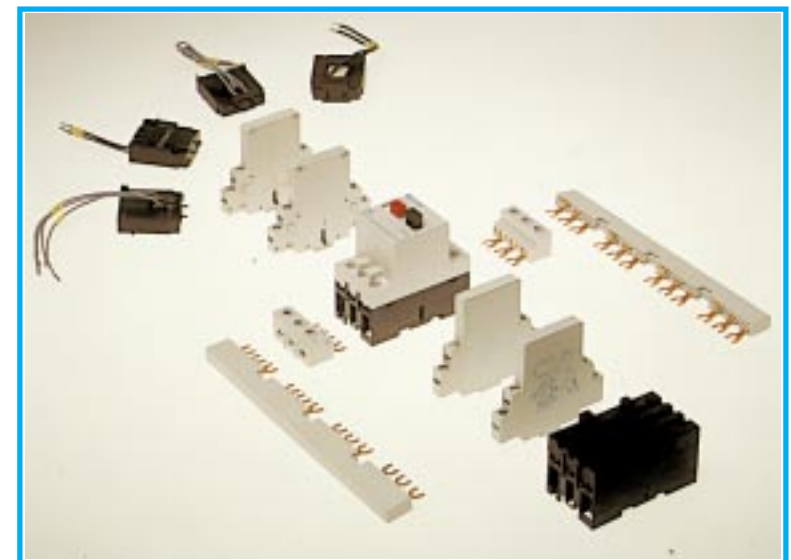




Modular Devices

RESIDENTIAL

❑ Motor Protection Switches





Loadbreak Switches

INDUSTRIAL

■ DILOS & FULOS

(Fused) Loadbreak Switches and
Changeover Disconnecter Switches 40 to 4000 A





Moulded Case Circuit Breakers

INDUSTRIAL

- ❑ **RECORD** : Thermal-Magnetic
- SPECTRA** : Electronic

MCCB's from 16 up to 1250 A





Air Circuit Breakers

INDUSTRIAL

❑ **SPECTRONIC : Thermal-Magnetic - Electronic**

- Communications Capabilities
- From 640 up to 6400 A





Fuse Protection

INDUSTRIAL

Industrial Fuse Gear





Plugs and Outlets

INDUSTRIAL

Industrial Plugs and Socket Outlets

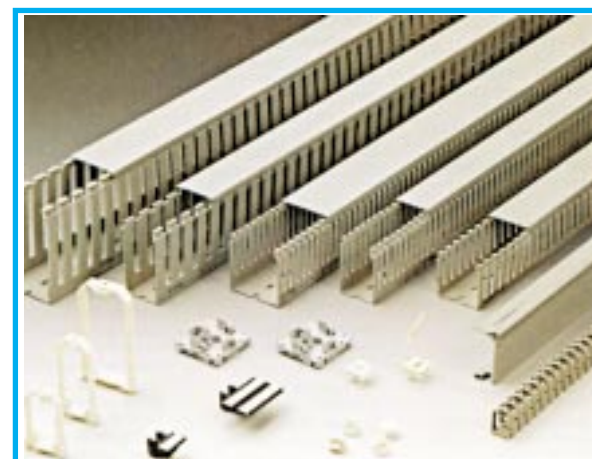
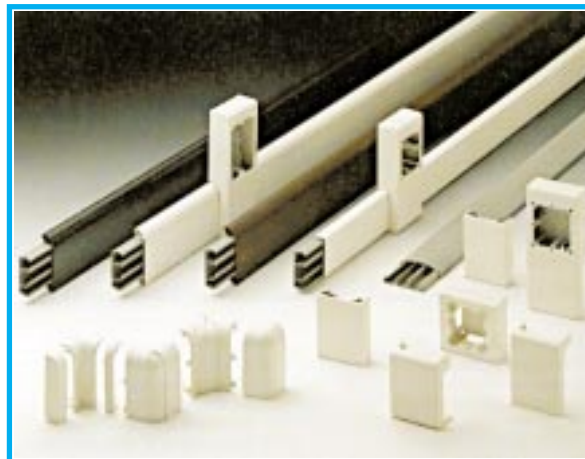
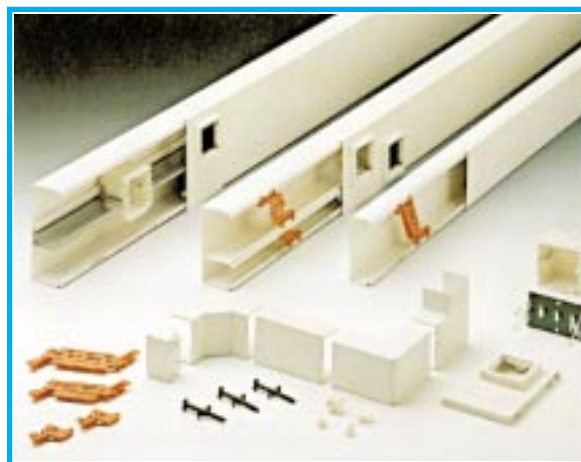




Trunking

INDUSTRIAL

Industrial and Domestic Trunking Systems





Small Boxes

ENCLOSURES

MINIBOX and INDUBOX

- Polycarbonate and Polystyrene
- Protection Degree IP 54 / IP 67





Boxes

ENCLOSURES

❑ VJ-BOX

- Glassfibre Reinforced Polyester
- JIC-sized
- Protection Degree IP 68





Boxes

ENCLOSURES

■ APO

- Glassfibre Reinforced Polyester
- For Aggressive Surroundings and Outdoor Use
- Protection Degree IP 67





Cabinets

ENCLOSURES

■ ARIA

- **Glasfibre Reinforced Polyester / General Purpose**
- **Indoor / Outdoor use**
- **Protection Degree IP 66**





Cabinets

ENCLOSURES

❑ SUPERPOLYREL and VYNCOPACT

- Glassfibre Reinforced Polyester Cabinet in 'Kit'-Form
- For Aggressive Surroundings and Outdoor use
- Protection Degree IP 55





Cabinets

ENCLOSURES

■ FeRIA

- Metal Wall Mounting Cabinet
- For Industrial Applications
- Protection Degree IP 55





Cabinets

ENCLOSURES

■ CASCADE

- Metal Floorstanding and Wall Mounting Cabinets
- For Industrial Applications
- Protection Degree IP 41





System Boxes

ENCLOSURES

■ VMS

- Modular System of Polycarbonate Boxes
- Toolless Assembly / Suitable for Panel Building
- For aggressive Surroundings
- Protection Degree IP 65



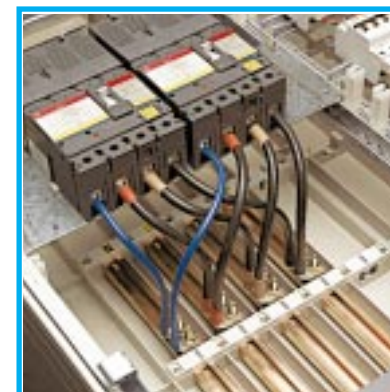
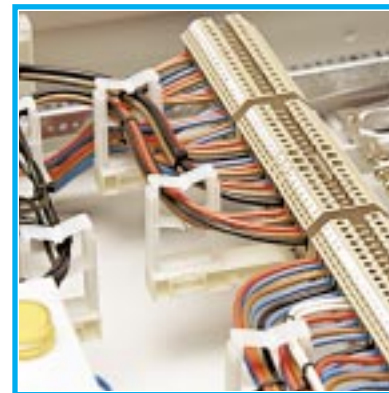


System Cabinets

ENCLOSURES

VP-SYSTEM

- Power Distribution System of Polyester Cabinets
- Floorstanding and Wall Mounting
- Common Functional Units
- Protection Degree IP 41 / IP 54





System Cabinets

ENCLOSURES

■ VYNCONSTRUCT

- Power Distribution System and Motor Control Center
- Custom-made
- Protection Degree IP 30 / IP 54





Pedestals

ENCLOSURES

EH - RANGE

- Pedestals for Underground Cable Distribution
- Protection Degree IP 23 / IP 54





System Cabinets

ENCLOSURES

❑ MODULA 630K

- Metal Wall-mounting Distribution Cabinets in 'Kit'-Form
- Protection Degree IP 40 / IP 41





System Cabinets

ENCLOSURES

❑ MODULA 4000

- Metal Switchboards in 'Kit'-Form for Industrial Applications
- Protection Degree IP 32 / IP 43





Auxiliary Contactors

CONTROLS

■ SERIES M and RL

- Series M : $I_{th} = 16 \text{ A}$
- Series RL : $I_{th} = 20 \text{ A}$



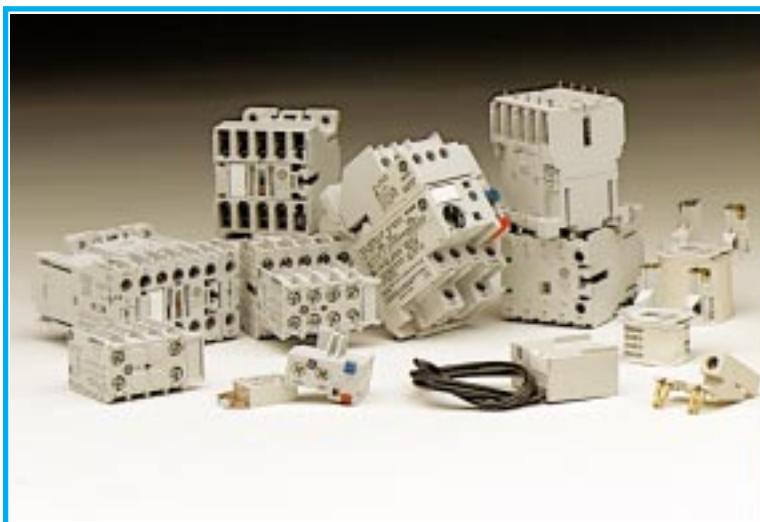


Contactors

CONTROLS

■ SERIES M, CL and CK

- Series M : 6 to 9 A - AC3
- Series CL : 9 to 105 A - AC3
- Series CK : 150 to 825 A - AC3

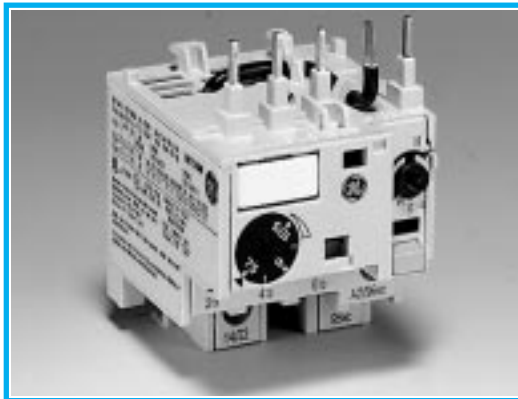




Thermal Overload Relays

CONTROLS

- ❑ **SERIES MT, RT and TE**
 - Overload relays from 0.16 to 850 A

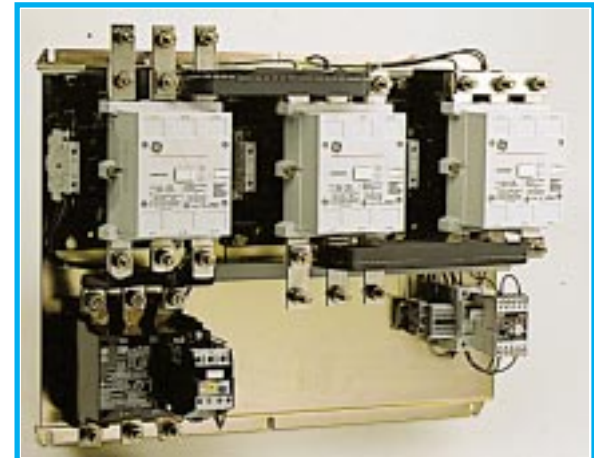
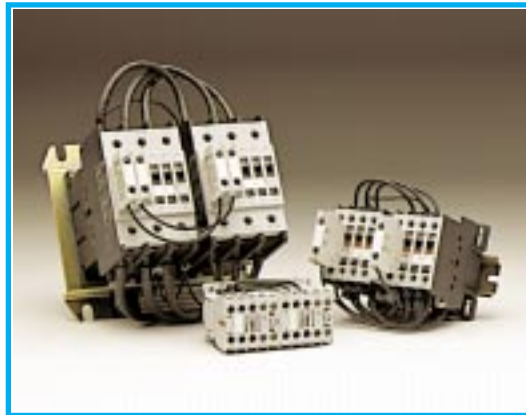




Motorstarters

CONTROLS

- ❑ Direct on Line Starters
- ❑ Reversing Starters
- ❑ Star-Delta Starters





Motorprotection Switches

CONTROLS

❑ TDL Multifunctional Motor Protection Circuit Breaker





Power Electronics

CONTROLS

■ **ASTAT Softstarters**

- **Astat SD**
2.2 to 15 kW - 400 V
- **Astat C**
5.5 to 630 kW - 400 V
analog control panel
- **Astat CD**
5.5 to 630 kW - 400 V
digital control panel





Power Electronics

CONTROLS

❑ VAT Variable Speed Drive Units

- VAT - 23D
0.4 to 2.2 kW
- VAT - 3FD
0.4 to 370 kW
- VAT - 3FDv - ATC
0.4 to 370 kW
with vector control





Pilot Devices

CONTROLS

- ❑ Push-buttons SERIES P9 and 077
 - Ø 22.5 mm and Ø 30 mm





Pilot Devices

CONTROLS

- ❑ Palm- and foot switches
- ❑ Signaling Units





Cam Switches

CONTROLS

- ❑ Main Switches / Emergency-stop switches for machinery SERIES ML
- ❑ Cam Switches





Pilot Devices

CONTROLS

- ❑ Proximity Switches
- ❑ Pressostats
- ❑ Limit Switches





Relays

CONTROLS

- ❑ **Plug-in Relays SERIES H6**
- ❑ **Electronic Timers SERIES D, DM and MV**





Signaling Devices

CONTROLS

❑ Lighttower

