PRODUCT PROFILE

- Automation
- Industrial applications

CONTROL PANEL COMPONENTS

CONTROL PANEL SOLUTIONS

www.finder-us.com
The Company...An Italian Brand with global presence

FINDER S.p.A. - Global Headquarters

- Independent and privately owned
- Located in Almese Italy
- $190 million annual sales
- 220,000 sq ft of production facilities
- Factory locations in Italy, France & Spain
- 1,000 employees
- 22 worldwide subsidiaries
- Daily output of 400,000 units
- Largest relay socket producer in Europe
- Strong distributor network
- 100% European production

FINDER Relays, Inc. - USA

- Independent and privately owned
- US operations were opened in 1993
- Purpose built 12,000 sq ft facility
- Located in Suwanee, GA near metro Atlanta
- Engineering, customer service & sales
- Supports customers throughout the US
- Large climate controlled warehouse
- Weekly air freight deliveries from Europe

For over 60 years Finder has manufactured the highest quality control panel components. Relays, Timers, Solid State Relays, Sockets, Thermostats, Power Supplies, Contactors, Fans, Heaters and Monitoring Relays.

Finder has the widest range of quality approvals
Push-In Sockets

- **Features**
  - Can use Type 060.48 marker tags
  - Available with plastic retain and release clip (SPA version) or with metal retaining clip (SMA version)
  - From 1 to 4 pole and from 7 to 16 A
  - Push-in sockets for Series 40, 44, 46, 55, 55, 55 and 55

SmartTimer

- **Features**
  - Digital Timer “Two in one”: two totally independent programmable channels, in a single product
  - A step forward for easier, quick and flexible programming right from your smartphone
  - With NFC technology and “Finder Toolbox” Android App
  - Two programming modes: “Smart” made via smartphone with NFC Communication or “Classic” made via the joystick
  - Wide backlit display for easy reading of all information during the programming phase and during normal operation
  - Flexibility: it’s possible to create new specific functions, ranging up to 25 available functions on each channel
  - High precision and possibility of choice in time setting: - Time units: 1, 10, 100, 1000, seconds, minutes, hours
  - Digital display allows easy viewing: seconds, current time, timing in progress, input command state, output state
  - 1 CO (16 A) + 1 CO (16 A) output contacts
## Features

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
<th>Rated current</th>
<th>No. of contacts</th>
<th>Sockets</th>
</tr>
</thead>
</table>
| **30 Series - Sub-miniature DIL relays** | Low level switching capability  
- Sub-miniature: industry standard DIL package  
- Sensitive DC coil: 200 mW  
- Wash tight: RT III | 2 A           | SPST-NO        | DPDT     |
| **32 Series - Sub-miniature PCB relays**   | Sub-miniature, low profile package  
- Sensitive DC coil: 200 mW  
- Wash tight: RT III | 6 A           | Spst           | SPST-NO  |
| **34 Series - Ultra-slim electromechanical PCB relays** | Sensitive DC coil: 170 mW  
- 5 mm wide6 kV (1.2/50 μs) isolation, coil - contacts | 6 A           | SPST-NO        |         |
| **34 Series - Ultra-slim Solid State PCB relays** | Sensitive DC input circuits  
- 5 mm wide  
- Silent, high speed switching with long electrical life | 0.1 A         | 2 A            | (SSR)    |
| **40 Series - Miniature PCB/plug-in relays** | DC coils (standard or sensitive), 500 or 650 mW & AC coils  
- 5.3 mm pin pitch  
- 8 mm, 6 kV (1.2/50 μs) isolation, coil - contacts | 10 A          | SPST-NO        |         |
| **40 Series - Miniature PCB relays** | DC coils, 500 or 650 mW  
- 5.3 mm or 5.3 mm pin pitch  
- 8 mm, 6 kV (1.2/50 μs) isolation, coil - contacts  
- Flux proof: RT II standard | 16 A          | SPST-NO        |         |
| **41 Series - Low profile electromechanical PCB relays** | Low profile, 15.7 mm height  
- DC coils: 400 mW  
- 8 mm, 6 kV (1.2/50 μs) isolation, coil - contacts  
- Flux proof: RT II standard, (RT III option) | 12 A          | SPST-NO        |         |
| **41 Series - Low profile Solid State PCB relays** | Low profile, 15.7 mm height  
- Sensitive DC input circuits  
- Silent, high speed switching with long electrical life | 3 A           | 1 output       | (SSR)    |
| **43 Series - Low profile PCB relays** | Low profile, 15.4 mm height  
- Sensitive DC coils: 250 mW or 400 mW  
- Very high coil contact isolation 10 mm, 6 kV (1.2/50 μs)  
- Flux proof: RT II standard, (RT III option)  
- 3.2 or 5 mm pin pitch | 10 A          | SPST-NO        |         |
**Features**

**44 Series - Miniature PCB relays**
- DC coils (standard or sensitive), 500 or 650 mW
- High physical separation between adjacent contacts
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Flux proof: RT II
- 5 mm pin pitch

**45 Series - Miniature PCB relays**
- Sensitive DC coil - 360 mW
- Relay for +125 °C ambient use
- Contact gap ≥ 3 mm according to EN 60730-1
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- PCB mounting + Faston 250

**46 Series - Miniature industrial relays**
- DC coils, 500 mW or AC coils, 1.2 VA
- Socket mount or direct connection via Faston connectors
- Available with lockable test button, mechanical flag & LED indicator
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Version for Railway Application

**47 Series - 4C Series**
- Pre-Assembled Units
- DC coils, 500 mW or AC coils, 1.2 VA
- Socket mount or direct connection via Faston connectors
- Available with lockable test button, mechanical flag & LED indicator
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Version for Railway Application

**55 Series - General purpose relays**
- AC & DC coils
- PCB or Plug-in mounting
- Available with lockable test button, mechanical flag & LED indicator
- Version for Railway Application
- ATEX compliant (Ex nC) option available

**56 Series - Miniature power relays**
- AC & DC coils
- PCB or Plug-in mounting
- Flange mount option (Faston 187 termination)
- Available with lockable test button, mechanical flag & LED indicator
- Version for Railway Application

**57 Series - Pre-Assembled Units**
- 4C Series
- AC & DC coils
- PCB or Plug-in mounting
- Available with lockable test button, mechanical flag & LED indicator
- Version for Railway Application

**60 Series - General purpose relays**
- AC & DC coils, including “current sensing” versions
- 8 & 11 pin plug-in
- Flange mount
- Available with lockable test button, mechanical flag & LED indicator
- Version with bifurcated contacts for low level switching

**62 Series - Power relays**
- AC & DC coils
- PCB mount or Plug-in mount (Faston 187) or Flange mount (Faston 250)
- NO contacts options, > 3 mm contact gap
- LED, mechanical indicator & test button options
- Version with magnetic blow

**65 Series - Power relays / Solar relays**
- AC & DC coils
- PCB mount or Flange mount (Faston 250)
- NO version, > 3 mm contact gap

**66 Series - 30A Power relays / Solar relays**
- AC & DC coils
- PCB mount or Flange mount (Faston 250)
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- ATEX compliant (Ex nC) option available

**67 Series - 50A Power relays / Solar relays**
- DC coils, with only 170 mW holding power
- Contact gap ≥ 3 mm (according to VDE 0126-1-1, EN 62109-1, EN 62109-2)
- Reinforced insulation between coil and contacts
- 1.5 mm gap between PCB and relay base
- Suitable for use at ambient temperatures up to 85 °C (with energy-saving coil energization) or 70 °C (with standard coil energization)

**90 Series**
- 60 Series
- AC & DC coils, including “current sensing” versions
- 8 & 11 pin plug-in
- Flange mount
- Available with lockable test button, mechanical flag & LED indicator
- Version with bifurcated contacts for low level switching

**92 Series**
- 62 Series
- AC & DC coils
- PCB mount or Plug-in mount (Faston 187) or Flange mount (Faston 250)
- NO contacts options, > 3 mm contact gap
- LED, mechanical indicator & test button options
- Version with magnetic blow

**94 Series**
- 55 Series
- General purpose relays
- AC & DC coils
- PCB or Plug-in mounting
- Available with lockable test button, mechanical flag & LED indicator
- Version for Railway Application
- ATEX compliant (Ex nC) option available

**95 Series**
- 44 Series
- Miniature PCB relays
- DC coils (standard or sensitive), 500 or 650 mW
- High physical separation between adjacent contacts
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Flux proof: RT II
- 5 mm pin pitch

**96 Series**
- 46 Series
- Miniature industrial relays
- DC coils, 500 mW or AC coils, 1.2 VA
- Socket mount or direct connection via Faston connectors
- Available with lockable test button, mechanical flag & LED indicator
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Version for Railway Application

**97 Series**
- 47 Series
- Pre-Assembled Units
- DC coils, 500 mW or AC coils, 1.2 VA
- Socket mount or direct connection via Faston connectors
- Available with lockable test button, mechanical flag & LED indicator
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Version for Railway Application

**98 Series**
- 55 Series
- General purpose relays
- AC & DC coils
- PCB or Plug-in mounting
- Available with lockable test button, mechanical flag & LED indicator
- Version for Railway Application
- ATEX compliant (Ex nC) option available

**99 Series**
- 60 Series
- General purpose relays
- AC & DC coils, including “current sensing” versions
- 8 & 11 pin plug-in
- Flange mount
- Available with lockable test button, mechanical flag & LED indicator
- Version with bifurcated contacts for low level switching
Relay interface modules (EMR/SSR)

Features

38 Series - Relay interface modules
- DC, AC or AC/DC coil versions
- 6.2 mm or 14 mm wide
- Special coil / input leakage current suppression types
- Screw & screwless terminals

<table>
<thead>
<tr>
<th>Rated current</th>
<th>No. of contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 A</td>
<td>SPDT</td>
</tr>
<tr>
<td>16 A</td>
<td></td>
</tr>
<tr>
<td>8 A</td>
<td>DPDT</td>
</tr>
<tr>
<td>0.1 A</td>
<td>SPST-NO</td>
</tr>
<tr>
<td>2 A</td>
<td></td>
</tr>
<tr>
<td>3 A/5 A</td>
<td>SPST-NO</td>
</tr>
</tbody>
</table>

39 Series - MasterINTERFACE - Relay interface modules
- DC, AC or AC/DC coil versions
- 6.2 mm wide
- Electromechanical relays (EMR) or solid state relays (SSR)
- MasterBASIC for general use in any type of system available ATEX compliant version
- MasterBASIC ATEX compliant (Ex nC) option available
- MasterPLUS accepts the output fuse module, for the easy and space efficient protection of output circuits
- MasterINPUT and MasterOUTPUT for the quick and easy distribution of supply voltage to proximity switches, electromagnetic valves
- MasterTIMER slim and multifunction timed interface modules with EMR and SSR, 8 functions, 4 time scales
- Push-in and screw terminals

<table>
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<th>No. of contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 A</td>
<td>SPDT</td>
</tr>
<tr>
<td>0.1 A</td>
<td>SPST-NO</td>
</tr>
<tr>
<td>2 A</td>
<td></td>
</tr>
</tbody>
</table>

48 Series - Relay interface modules
- AC or DC coils
- 15.8 mm wide
- Instant ejection of relay using plastic retaining clip
- Supply status indication and EMC coil suppression module as standard
- Push-in and screw terminals
- Version with forcibly guided contacts

<table>
<thead>
<tr>
<th>Rated current</th>
<th>No. of contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A</td>
<td>SPDT</td>
</tr>
<tr>
<td>16 A</td>
<td></td>
</tr>
<tr>
<td>10 A</td>
<td>DPDT</td>
</tr>
<tr>
<td>8 A</td>
<td></td>
</tr>
</tbody>
</table>

4C Series - Relay interface modules
- AC or DC coils
- 15.8 mm wide
- Instant ejection of relay using plastic retaining clip
- Supply status indication and EMC coil suppression module as standard
- Push-in and screw terminals
- Mechanical indicator & test button

<table>
<thead>
<tr>
<th>Rated current</th>
<th>No. of contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A</td>
<td>SPDT</td>
</tr>
<tr>
<td>16 A</td>
<td></td>
</tr>
<tr>
<td>8 A</td>
<td>DPDT</td>
</tr>
</tbody>
</table>

58 Series - Relay interface modules
- AC or DC coils
- 27 mm wide
- Instant ejection of relay using plastic retaining clip
- Supply status indication and EMC coil suppression module as standard
- Push-in and screw terminals
- Mechanical indicator & test button
- ATEX compliant (Ex nC) option available

<table>
<thead>
<tr>
<th>Rated current</th>
<th>No. of contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 A</td>
<td>DPDT</td>
</tr>
<tr>
<td>7 A</td>
<td>4PDT</td>
</tr>
</tbody>
</table>

Push-In Technology Sockets

Timers
- Fiber Fans
- Power Supplies
- Monitoring Relays
- Time Switches
- Modular Contactors
- P.C.B. Relays
- Solid State Relays
- Interface Modules
- Panel Thermostats
- Mechanical Latching Relays
- Light Dependent Relays
- Relays with forcibly Guided Contacts
- Industrial Relays & DIN-Rail Sockets
## Features

**50 Series - Relays with forcibly guided contacts (EN 50205)**
- DC coil, 700 mW
- PCB Relay with forcibly guided contacts according to EN 50205 type B
- High physical separation between adjacent contacts
- 8 mm, 6 kV (1.2/50 µs) isolation, coil - contacts
- Flux proof: RT II

### Rated current
- 8 A

### No. of contacts
- 1 NO + 1 NC
- DPDT

**7S Series - Relay modules with forcibly guided contacts**
- AC or DC coils
- Extended operating range (0.7...1.25)U_N
- For safety applications, with class A forcibly guided contacts (EN 50205)
- For railway applications; materials compliant with fire and smoke characteristics (UNI 11170-3); mechanical and climatic characteristics compliant with EN 61373 and EN 50155
- SIL 2 compliant according to IEC 61508
- Coil status visual indication with LED
- 35 mm rail (EN 60715) mount

### Rated current
- 6 A

### No. of contacts
- 1 NO + 1 NC
- 2 NO + 2 NC
- 3 NO + 1 NC
- 4 NO + 2 NC

## Power solid state relays (SSR)

### Features

**77 Series - Modular Solid State Relays (SSR)**
- Input AC or DC
- 230 V AC or 400 V AC output
- Rated voltage range (19...305)V AC or (48...480)V AC
- Zero-crossing and random switch-on versions
- Suitable for lamp loads
- 17.5 and 22.5 mm housing

### Rated current
- 15 A
- 30 A

### No. of contacts
- 1 SSR

**77 Series - “Hockey puck” Solid State Relays**
- Input AC or DC
- 230 V AC or 600 V AC output
- Switching voltage range (21.6...280)V AC or (43.2...660)V AC
- Suggested applications: heater control
- Mounting to heatsink with screws
- Zero-crossing version

### Rated current
- 25 A
- 40 A
- 50 A

### No. of contacts
- 1 SSR

## Coil indication and EMC suppression modules

### Features

**99 Series - Coil indication and EMC suppression modules**
Depending on module selected, they can provide:
- Suppression of coil back emf on switch-off
- LED indication to show when the coil in energized
- Protection against reverse polarity applied across the coil terminals
- By-pass of troublesome leakage currents in the coil circuit

### Rated current
- —

### No. of contacts
- —

### Sockets
- —
Phase Monitoring Relays, Liquid Level Relays

**Features*  
**Rated current**  
**Function**

### 70.61.8.400.0000 - Phase loss and rotation monitoring relay
- 3 phase systems 208 V…480V AC 50/60 Hz
- 1 contact
- Positive safety logic
- LED for clear & immediate visual indication
- Modular housing, 17.5, 22.5 or 35 mm wide

<table>
<thead>
<tr>
<th>Function</th>
<th>Rated current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase loss</td>
<td>6 A</td>
</tr>
<tr>
<td>Phase rotation</td>
<td></td>
</tr>
</tbody>
</table>

### 72 Series - Liquid level relays
- Sensitivity adjustable 450 kOhm or fixed 150 kOhm
- Electrode and Electrode holder
- Delay time (0.5 s or 7 s) or fixed (1 s)
- 1 contact, 35 mm wide

<table>
<thead>
<tr>
<th>Function</th>
<th>Rated current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level control (Emptying or Filling)</td>
<td>16 A</td>
</tr>
</tbody>
</table>

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**Industrial Power Supplies**

### Features  
**Rated current**  
**Function**

### 78 Series - Industrial Power supplies
- 130, 240 W output
- Input (88 … 265)V AC or (90…275)V DC
- Class A and Class B according EN 55022
- Input protection: replaceable fuse plus spare
- Overvoltage protection: varistor
- From 40 to 70 mm wide
- Thermal protection
- Feedback contact versions available

#### Type  
<table>
<thead>
<tr>
<th>78.1C.1.230.2404</th>
<th>78.1D.1.230.2414</th>
<th>78.2E.1.230.2414</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Output Voltage</strong></td>
<td>24V DC</td>
<td>24V DC</td>
</tr>
<tr>
<td><strong>Output Voltage Adjust</strong></td>
<td>24…28 V</td>
<td>24…28 V</td>
</tr>
<tr>
<td><strong>Rated Output Current</strong></td>
<td>5 A</td>
<td>5.4 A</td>
</tr>
<tr>
<td><strong>Rated Output Power</strong></td>
<td>120W</td>
<td>130W</td>
</tr>
<tr>
<td><strong>Input voltage range</strong></td>
<td>110…265 V AC</td>
<td>88…265 V AC</td>
</tr>
<tr>
<td><strong>(polarized)</strong></td>
<td>155…275 V DC (polarized)</td>
<td>95…275 V DC (non-polarized)</td>
</tr>
<tr>
<td><strong>Dual stage with active Power Factor Corrector</strong></td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Dimensions (w x h x d)</strong></td>
<td>40 x 130 x 130 mm</td>
<td>40 x 130 x 130 mm</td>
</tr>
</tbody>
</table>

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**New**

- Low stand-by power
- Boost current: without time limit
- Ambient temperature range: -20…+70°C
- High efficiency 90%
- Suitable for battery charging
- Power factor: 0.998
- High efficiency 93%
- Suitable for battery charging
- Power factor: 0.998
### Features

<table>
<thead>
<tr>
<th>Series</th>
<th>Component</th>
<th>Rated current</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>7T Series - Panel thermostats</strong></td>
<td>Small, compact size (17.5 mm wide)</td>
<td>10 A</td>
<td>Heating control, Ventilation control</td>
</tr>
<tr>
<td></td>
<td>Snap action thermostatic Bi-metal sensor</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wide temperature setting range</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Long electrical life</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>7F Series - Filter fans</strong></td>
<td>Very low acoustic noise</td>
<td></td>
<td>Filter fans for electrical cabinets and enclosures, Exhaust filters</td>
</tr>
<tr>
<td></td>
<td>Air volume (24...630)m³/h (free flow)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power consumption: (4...130)W</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Operating voltage: 120 or 230 V AC (50/60 Hz) or 24 V DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Further available versions: EMC Filter Fan and EMC Exhaust Filter</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>7H Series - Panel heaters</strong></td>
<td>Heating power 25 - 50 - 100 or 150 W</td>
<td></td>
<td>Panel heaters for cabinets and switchboards</td>
</tr>
<tr>
<td></td>
<td>Nominal voltage 110...230 V AC/DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PTC self-regulating heating system</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aluminum profile encased in a plastic housing</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clip for 35 mm rail (EN 60715) mount</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CONTROL PANEL COMPONENTS

**RUNNING AT OPTIMUM TEMPERATURES**
<table>
<thead>
<tr>
<th>Features*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>80 Series - Modular timers</strong></td>
</tr>
<tr>
<td>- Six time ranges from 0.1 s to 24 h</td>
</tr>
<tr>
<td>- Nominal voltage (12...240)V AC/DC</td>
</tr>
<tr>
<td>- Contact rated current: 6, 8 or 16 A</td>
</tr>
<tr>
<td>- Solid state output (SSR): 1 A</td>
</tr>
<tr>
<td>17.5 mm wide</td>
</tr>
<tr>
<td>6 A Multi-function or 8 A Mono-function 16 A timers</td>
</tr>
</tbody>
</table>

| **83 Series - Modular timers** |
| - Eight time ranges from 0.05 s to 10 days |
| - Nominal voltage (24...240)V AC/DC |
| - Special version: 2 timed contacts or 1 timed + 1 instantaneous contact |
| - External time setting potentiometer option pause function option |
| 22.5 mm wide |
| 8 A Multi-function or 10 A Mono-function 16 A timers |

| **84 Series - SMARTimer** |
| - Two supply version available: 12...24 V AC/DC and 110...240 V AC/DC (not polarized) |
| - Two programming modes: “Smart” mode via smart phone with NFC communication or “Classic” mode via the joystick |
| - Flexibility: possible to create new specific functions, mixing the 25 available functions on each channel |
| - High precision and possibility of choice in time set-up: time units: 0.1 seconds, seconds, minutes, hours |
| - Two independent programmable channels |
| 10 A Multi-function SMARTimer |

| **85 Series - Miniature plug-in timers** |
| - Seven time ranges from 0.05 s to 100 h |
| - AC/DC supply non polarized |
| - 2, 3 or 4 pole |
| 7 A Multi-function timers 10 A |

| **86 Series - Timer modules** |
| - Time ranges from 0.05 s to 100 h |
| - Wide supply range in AC or DC coils |
| - Plug-in for use with 90.02, 90.03, 92.03, 94.02, 94.03, 94.04, 94.P3, 94.P4, 95.03, 95.05, 95.P3, 95.P4, 96.02, 96.04, 97.01, 97.02, 97.P1 and 97.P2 sockets |
| Multi-function or Bi-function timers |

| **88 Series - Plug-in/Front of panel mount timers** |
| - 14 time ranges, 0.05 s...100 h |
| - Multi-function |
| - Nominal voltage (24...230)V AC/DC |
| - Version available with 2 timed contacts or 1 instantaneous + 1 timed |
| 5 A Timers 8 A |

| **90 Series** |
| Multi-function or Bi-function timers |

| **93 Series - Ultra-slim timed sockets for 34 series** |
| - 4 time ranges from 0.1 s to 6 h |
| - 8 functions |
| - 12 or 24 V AC/DC supply |
| - EMR and SSR relays |
| - Screw and push-in terminal |
| 2 A Multifunction timed interface module, 6.2 mm wide |
### Mechanical latching relays

**20 Series** - Modular mechanical latching relays
- Choice of 7 switching sequences
- AC or DC coils
- Test button with mechanical indicators
- 1 or 2 contacts, 17.4 mm wide

<table>
<thead>
<tr>
<th>Features</th>
<th>Rated current</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16 A</td>
<td>Step relays</td>
</tr>
</tbody>
</table>

### Modular Contactors

**22 Series** - Modular contactors
- AC/DC silent coil (with varistor protection)
- Mechanical and LED indicators as standard
- Auto-On-Off selector version available (types 22.32, 22.34)
- 2 or 4 contacts
- Auxiliary contact module 6 A (accessory)
- 17.5, 35 or 53.5 mm wide

<table>
<thead>
<tr>
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<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 A, 40 A, 63 A</td>
<td>Power interface</td>
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