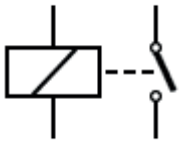
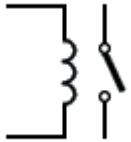
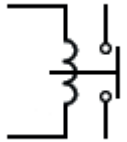
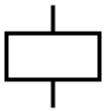
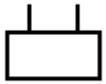
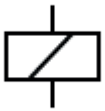
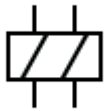
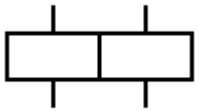
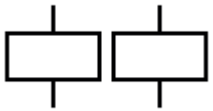
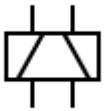
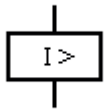
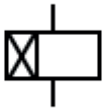
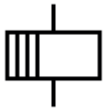
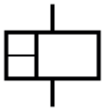
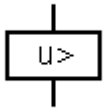
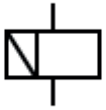
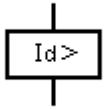
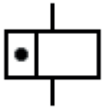
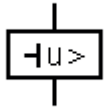
Relay Symbols and Electromagnets [Go to Website]

 Relay solenoid operated (Coil and Switch) Generic symbol	 Relay solenoid operated	Relay solenoid operated	 Relay solenoid operated Coil and pushbutton
 Relay (Coil) Generic symbol	 Relay (Coil)	 Relay	 Double coil relay
 Double coil relay	 Double coil relay	 Two operating relay windings in opposite directions	 Overcurrent relay
 Slow excitation relay	 Slow deactivation relay	 High speed relay, for both the connectio and the disconnection	 Maximum voltage relay
 Fast deactivation relay	 Differential current relay	 Fast relay	 Relay actuated by defective voltage

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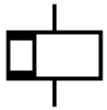
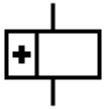
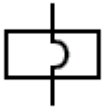
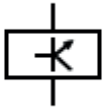
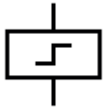
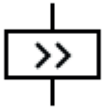
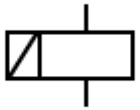
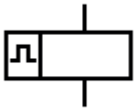
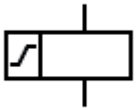
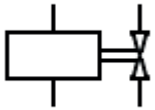
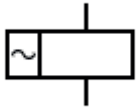
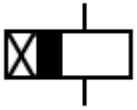
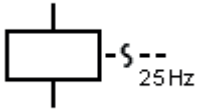
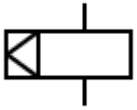
Relay Symbols and Electromagnets [Go to Website]

Card operated relay	Relay not affected by AC	Differential relay	 Polarized relay
 Magnetically polarized rela	Delayed action relay on disconnection	 Electromagnetic relay	Thermo-relay Thermal relay
 Solid-state relay Electronic relay	 Stepping or pulse relay	 Remote control relay	Pulse relay
 Remnant relay	 Intermittent relay	 Relay remnant	 Electric valve Solenoid valve
 AC relay	 Relay rest with delayed operation	 Relay mechanical resonance e.g. 25Hz	 Step relay Mechanical interlock relay

All Electrical & Electronic Symbols in https://www.electrical-symbols.com

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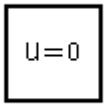
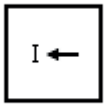
Measuring Relays Symbols [Go to Website]

Maximum voltage relay	Minimun voltage relay	Low impedance relay	 Relay of voltage absence
Detection relay with divided conductor	Low power relay	Detector relay of short circuit between coils	 Reverse current relay
Detector relay of failure in tri-phasic lines	Maximun and minimun current relay	Relay blocked rotor	Frequency relay
Automatic reclosing relay	Overcurrent relay with two measuring elements and a range of sample e.g. 1...5A sample range	Overcurrent relay with delayed action	Measuring relay The asterik is replaced by letters or symbols related to the relay

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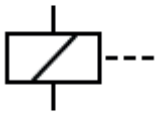
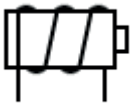
Electromagnets Symbols / Electromagnetic Controls [Go to Website]

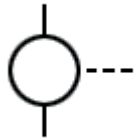


Electromagnet
Electromagnetic drive



Electromagnet

Electromagnet
Electromagnetic drive
US Symbol



Contact with
electromagnetic
anchoring mechanism

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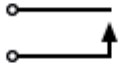
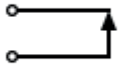
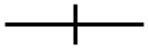
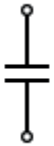
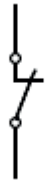
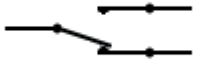
Symbols of Relay Contacts [Go to Website]

 Open contacts	 Closed contacts	Open contacts	 Closed contacts
 Open contacts	Closed contacts	Contacts work	 Contacts resting
Switching contacts	Switch contacts successive	 Commutator Switch	Commutator Switch

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