



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking **HERE**. [HERE](#)

Common features

- Space saving 6.2 mm wide
- Connections for 16-way jumper link
- Integral coil indication and protection circuit
- Secure retention and easy ejection by plastic clip
- Dual screw head (blade+cross) terminals
- 35 mm rail mounting (EN 60715)

**EMR
Electromechanical Relays**

- **1 CO 6 A 250 V AC**
- High switching capability

**SSR
Solid State Relays**

- 1 solid state output (options **0.1 A 48 V DC, 2 A 24 V DC, 2 A 240 V AC**)
- Silent, high speed switching, long electrical life

MasterBASIC

- For general use in any type of system
- **EMR: 6 to 24 V AC/DC and 230 V AC supply**
- **SSR: 6 to 24 V DC and 230 V AC supply**

39.11


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MasterPLUS

- Accepts the output fuse module, for the easy and space efficient protection of output circuits
- **EMR: 6 to 125 V AC/DC, 125 and 220 V DC, 230 V AC supply**
- **SSR: 24 - 125 V AC/DC, 6 to 220 V DC and 230 V AC supply**
- Special 125 and 230 V AC leakage current suppression types (39.31.3 EMR and 39.30.3 SSR)

39.31 - 39.31.3


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39.30 - 39.30.3


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MasterINPUT

- Jumper link option for the quick and easy distribution of supply voltage to proximity switches and similar input devices
- **EMR: 6 to 24 V and 125 V AC/DC, 230 V AC supply**
- **SSR: 6 - 12 V DC, 24 - 125 V AC/DC, 230 V AC supply**

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MasterOUTPUT

- Jumper link option for the quick and easy distribution of supply voltage to output side and its connection to electromagnetic valves and similar output devices
- **EMR: 6 to 24 V and 125 V AC/DC, 230 V AC supply**
- **SSR: 6 to 24 V DC, 125 V AC/DC, 230 V AC supply**

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Page 11

MasterTIMER

- Timer adjustment via top mounted rotary knob accessible after assembly
- Control signal terminal
- DIP-switch for selection of 4 time scales and 8 functions
- Output with fuse module option
- **EMR and SSR: 12 to 24 V AC/DC supply**

39.81


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39.80

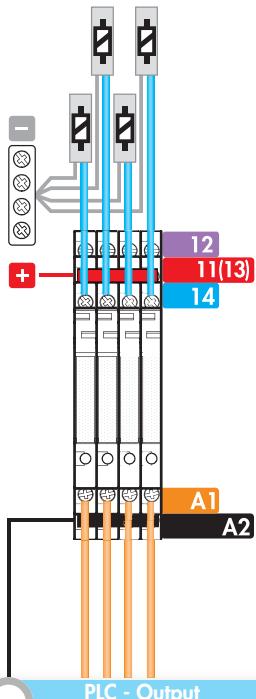
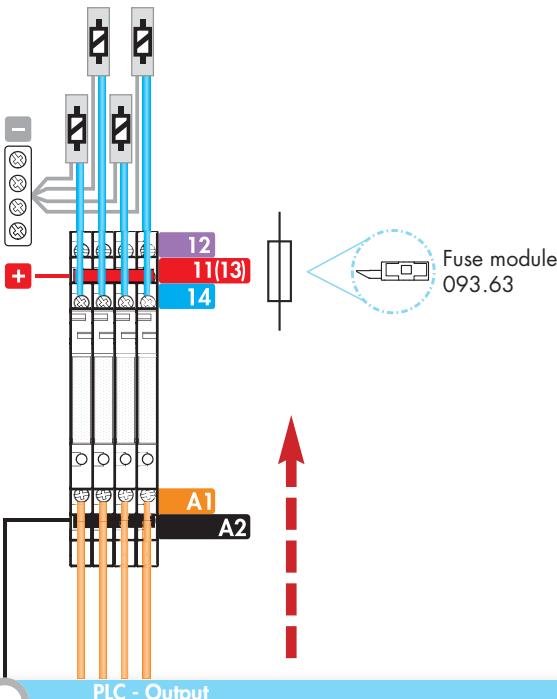
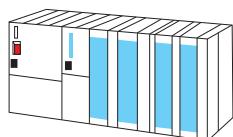
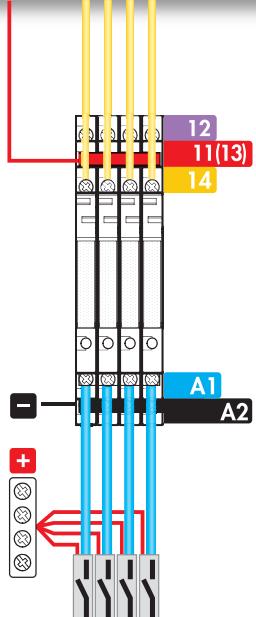
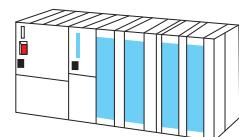

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MasterBASIC
39.11 - 39.10

- For general interface use in any type of system and application.
- Can be used for input interface applications between auxiliary contacts, sensors etc. and controllers, PLC's or motors. Or for output interface between PLC's controllers and relays, solenoids etc.

MasterPLUS
39.31 - 39.30 - 39.31.3 - 39.30.3

- This special version provides extra protection for the output circuit thanks to the replaceable fuse module.
- For general interface use in any type of system and application.
- Can be used for input interface applications between auxiliary contacts, sensors etc. and controllers, PLC's or motors. Or for output interface between PLC's controllers and relays, solenoids etc.

Output devices

Output devices

PLC - Output

PLC - Input

PLC - Input


Fuse module
093.63

Input devices

MasterINPUT

39.41 - 39.40

- These models allow the full termination of input device to the interface without the need for additional terminals - saving component cost, time and panel space.
- Quick and easy distribution of supply voltage through the jumper link on the Bus-Bar (BB) connection.
- Ideal for interface applications between the auxiliary contacts, sensors, limit switches and Controllers or PLC's.

MasterOUTPUT

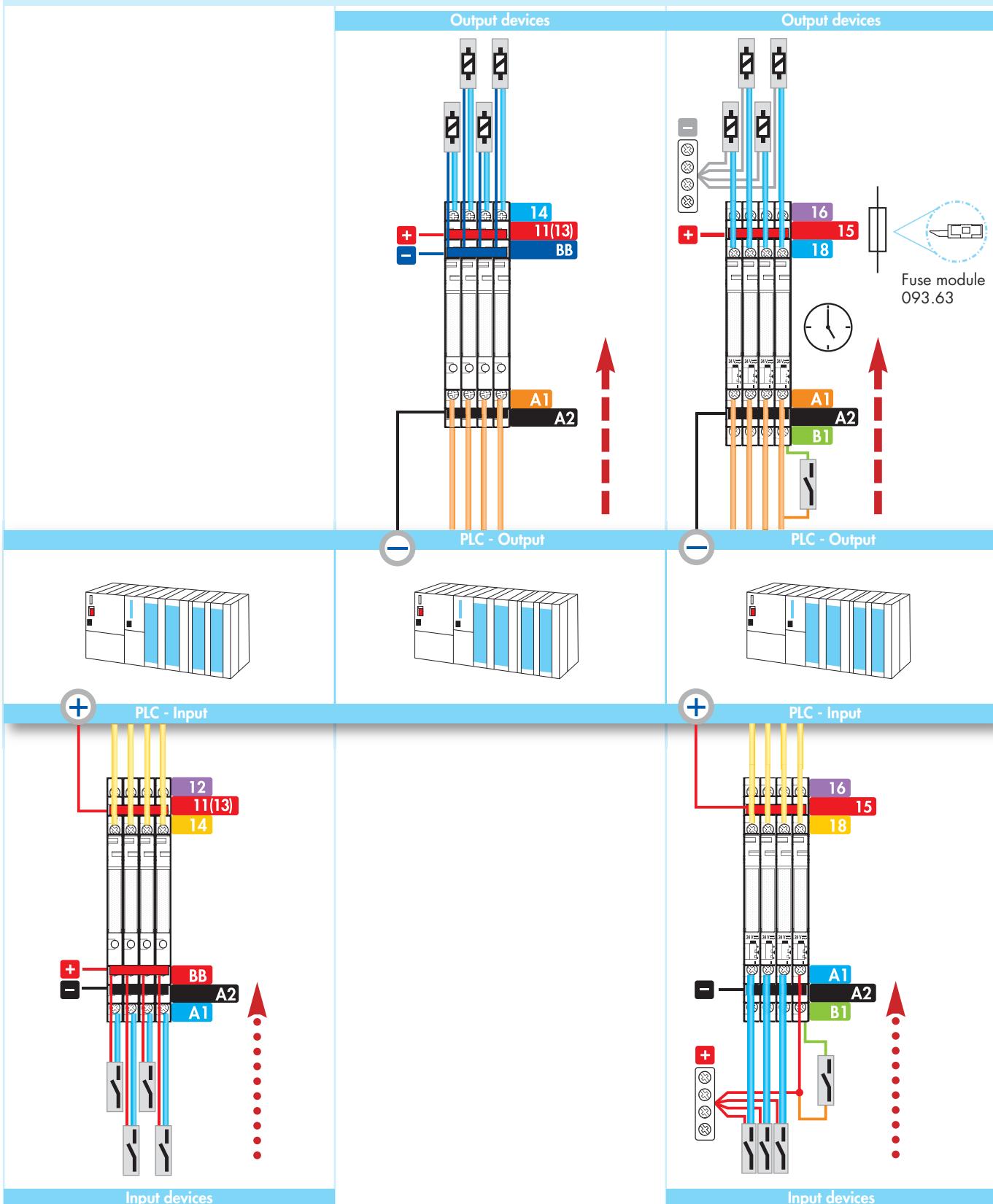
39.21 - 39.20

- These models allow the full termination of output device to the interface without the need for additional terminals - saving component cost, time and panel space.
- Quick and easy distribution of supply voltage through the jumper link on the Bus-Bar (BB) connection.
- Ideal for interface applications between the PLC's or Controllers and output devices such as electromagnetic valves or motors etc..

MasterTIMER

39.81 - 39.80

- Slim and Multifunction Timed Interface modules.



MasterBASIC - EMR

Features

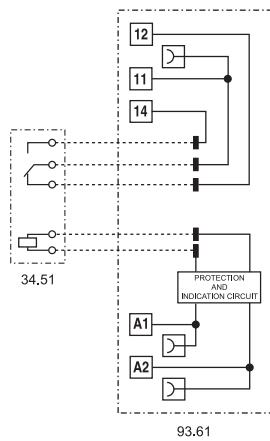
1 Pole interface module, 6.2 mm wide, ideal for PLC and electronic systems

- Common connection possible with optional jumper links (terminals A1, A2 and 11)



- 6 A electromechanical relay
- 6 to 24 V AC/DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

39.11
Screw terminal



For outline drawing see page 20

Contact specification

Contact configuration	1 CO (SPDT)	
Rated current/Maximum peak current	A	6/10
Rated voltage/Maximum switching voltage	V AC	250/400
Rated load AC1	VA	1,500
Rated load AC15 (230 V AC)	VA	300
Single phase motor rating (230 V AC)	kW	0.185
Breaking capacity DC1: 30/110/220 V	A	6/0.2/0.12
Minimum switching load	mW (V/mA)	500 (12/10)
Standard contact material	AgNi	

Supply specification

Nominal voltage (U_N)	V AC/DC	6 - 12 - 24
	V AC (50/60 Hz)	220...240
Rated power	VA (50 Hz)/W	See page 16
Operating range		(0.8...1.1) U_N
Holding voltage		0.6 U_N
Must drop-out voltage		0.1 U_N

Technical data

Mechanical life AC/DC	cycles	$10 \cdot 10^6$
Electrical life at rated load AC1	cycles	$60 \cdot 10^3$
Operate/release time	ms	5/6
Insulation between coil and contacts (1.2/50 μ s)	kV	6 (8 mm)
Dielectric strength between open contacts	V AC	1,000
Ambient temperature range	°C	-40...+70
Protection category		IP 20
Approvals relay (according to type)		RINA

MasterBASIC - SSR

Features

1 Pole interface module, 6.2 mm wide, ideal for PLC and electronic systems

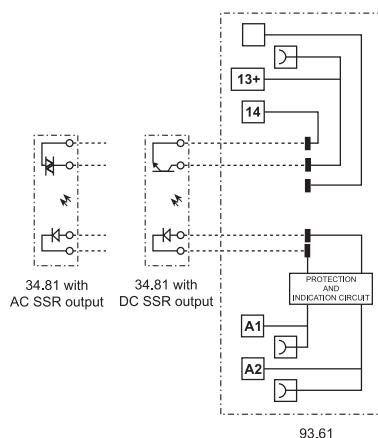
- Common connection possible with optional jumper links (terminals A1, A2 and 13+)

NEW 39.10



- 0.1 or 2 A solid state relay
- 6 to 24 V DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

39.10
Screw terminal



For outline drawing see page 20

Output specification (SSR)	39.10.x.xxx.9024	39.10.x.xxx.7048	39.10.x.xxx.8240
Contact configuration	1 NO (SPST-NO)		
Rated current/Maximum peak current (10 ms)	A	2/20 DC	0.1/0.5 DC
Rated voltage/Maximum blocking voltage	V	24/33 DC	48/60 DC
Switching voltage range	V	(1.5...24) DC	(1.5...48) DC
Minimum switching current	mA	1	0.05
Max. "OFF-state" leakage current	mA	0.001	0.001
Max. "ON-state" voltage drop	V	0.12	1
Supply specification			
Nominal voltage (U_N)	V AC (50/60 Hz)	220...240	
	V DC	6 - 12 - 24	
Rated power	VA (50 Hz)/W	See page 17	
Operating range		$(0.8...1.1) U_N$	
Must drop-out voltage		$0.1 U_N$	
Technical data			
Operate/release time	ms	0.2/0.6	0.04/0.11
Dielectric strength between input/output	V AC	2,500	
Ambient temperature range	°C	-20...+55	
Protection category		IP20	
Approvals relay (according to type)			

MasterPLUS - EMR

Features

1 Pole interface modules, 6.2 mm wide, ideal for PLC and electronic systems

- Accepts output fuse module **093.63** (for 5 x 20 mm fuses) for quick and easy load protection, see page 22
- Common connection possible with optional jumper links (terminals A1, A2 and 11)

NEW

39.31

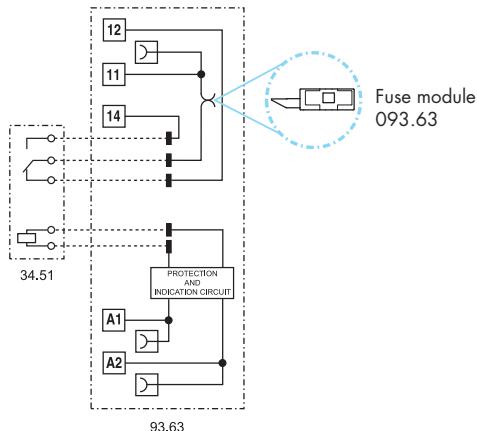

- 6 A electromechanical relay
- 6 to 125 V AC/DC, 125 and 220 V DC, 230 V AC supply
- 35 mm rail (EN 60715) mounting

NEW

39.31.3


- 6 A electromechanical relay
- Leakage current suppression version, 125 and 230 V AC supply

39.31 / 39.31.3
Screw terminal



For outline drawing see page 20

Contact specification

Contact configuration		1 CO (SPDT)	1 CO (SPDT)
Rated current/Maximum peak current	A	6/10	6/10
Rated voltage/Maximum switching voltage	V AC	250/400	250/400
Rated load AC1	VA	1,500	1,500
Rated load AC15 (230 V AC)	VA	300	300
Single phase motor rating (230 V AC)	kW	0.185	0.185
Breaking capacity DC1: 30/110/220 V	A	6/0.2/0.12	6/0.2/0.12
Minimum switching load	mW (V/mA)	500 (12/10)	500 (12/10)

Standard contact material

AgNi	AgNi
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Supply specification

Nominal voltage (U_N)	V AC/DC	6 - 12 - 24 - 60 - 110...125	—
	V AC (50/60 Hz)	220...240	110...125 - 220...240
	V DC	110...125 - 220	—

Rated power	VA (50 Hz)/W	See page 16	See page 16
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Operating range		(0.8...1.1) U_N	(0.8...1.1) U_N
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Holding voltage		0.6 U_N	0.6 U_N
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Must drop-out voltage		0.1 U_N	0.3 U_N
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Technical data

Mechanical life AC/DC	cycles	10 · 10 ⁶	10 · 10 ⁶
Electrical life at rated load AC1	cycles	60 · 10 ³	60 · 10 ³
Operate/release time	ms	5/6	5/6
Insulation between coil and contacts (1.2/50 µs)	kV	6 (8 mm)	6 (8 mm)
Dielectric strength between open contacts	V AC	1,000	1,000
Ambient temperature range	°C	-40...+70 (+55 for 220 V DC)	-40...+70
Protection category		IP20	IP20
Approvals relay (according to type)		RINA	

MasterPLUS - SSR

Features

1 Pole interface modules, 6.2 mm wide, ideal for PLC and electronic systems

- Accepts output fuse module **093.63** (for 5 x 20 mm fuses) for quick and easy load protection, see page 22
- Common connection possible with optional jumper links (terminals A1, A2 and 13+)

NEW 39.30



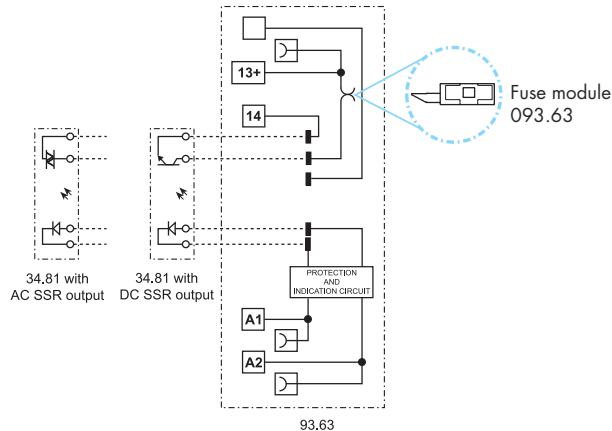
- 0.1 or 2 A solid state relay
- 24 - 125 V AC/DC, 6 to 220 V DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

NEW 39.30.3



- 0.1 or 2 A solid state relay
- Leakage current suppression version, 125 and 230 V AC supply

39.30 / 39.30.3
Screw terminal



For outline drawing see page 20

Output specification (SSR)		39.30.x.xx.9024	39.30.x.xx.7048	39.30.x.xx.8240	39.30.3.xx.9024	39.30.3.xx.7048	39.30.3.xx.8240
Contact configuration		1 NO (SPST-NO)			1 NO (SPST-NO)		
Rated current/Maximum peak current (10 ms)	A	2/20 DC	0.1/0.5 DC	2/40 AC	2/20 DC	0.1/0.5 DC	2/40 AC
Rated voltage/Maximum blocking voltage	V	24/33 DC	48/60 DC	240/275 AC	24/33 DC	48/60 DC	240/275 AC
Switching voltage range	V	(1.5...24) DC	(1.5...48)DC	(12...240) AC	(1.5...24) DC	(1.5...48)DC	(12...240) AC
Minimum switching current	mA	1	0.05	22	1	0.05	22
Max. "OFF-state" leakage current	mA	0.001	0.001	1.5	0.001	0.001	1.5
Max. "ON-state" voltage drop	V	0.12	1	1.6	0.12	1	1.6
Supply specification							
Nominal voltage (U_N)	V AC/DC	24 - 110...125			—		
	V AC [50/60 Hz]	220...240			110...125 - 220...240		
	V DC	6 - 12 - 24 - 60 - 110...125 - 220			—		
Rated power	VA [50 Hz]/W	See page 17			See page 17		
Operating range		$(0.8...1.1) U_N$			$(0.8...1.1) U_N$		
Must drop-out voltage		$0.1 U_N$			$0.3 U_N$		
Technical data							
Operate/release time	ms	0.2/0.6	0.04/0.11	12/12	0.2/0.6	0.04/0.11	12/12
Dielectric strength between input/output	V AC	2,500			2,500		
Ambient temperature range	°C	-20...+55			-20...+55		
Protection category		IP20			IP20		
Approvals relay (according to type)							

Master - EMR

Features

1 Pole interface module, 6.2 mm wide, ideal for PLC and electronic systems

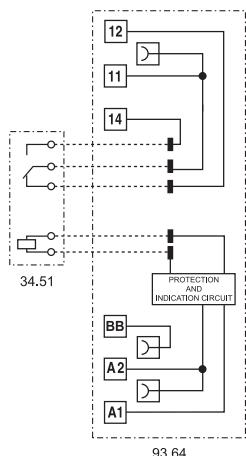
- Jumper link option for the quick and easy distribution of supply voltage to proximity switches and similar input devices (Bus-bar connection BB)
- Gold plated output contact as standard, for better compatibility with low energy PLC inputs

NEW 39.41



- 6 A electromechanical relay
- 6 - 12 - 24 - 125 V AC/DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

39.41
Screw terminal



93.64

For outline drawing see page 20

Contact specification

Contact configuration	1 CO (SPDT)	
Rated current/Maximum peak current	A	6/10
Rated voltage/Maximum switching voltage	V AC	250/400
Rated load AC1	VA	1,500
Rated load AC15 (230 V AC)	VA	300
Single phase motor rating (230 V AC)	kW	0.185
Breaking capacity DC1: 30/110/220 V	A	6/0.2/0.12
Minimum switching load	mW (V/mA)	50 (5/2)
Standard contact material	AgNi + Au	

Supply specification

Nominal voltage (U_N)	V AC/DC	6 - 12 - 24 - 110...125
	V AC (50/60 Hz)	220...240
Rated power	VA (50 Hz)/W	See page 16
Operating range		(0.8...1.1) U_N
Holding voltage		0.6 U_N
Must drop-out voltage		0.1 U_N

Technical data

Mechanical life AC/DC	cycles	$10 \cdot 10^6$
Electrical life at rated load AC1	cycles	$60 \cdot 10^3$
Operate/release time	ms	5/6
Insulation between coil and contacts (1.2/50 μ s)	kV	6 (8 mm)
Dielectric strength between open contacts	V AC	1,000
Ambient temperature range	°C	-40...+70
Protection category		IP20
Approvals relay (according to type)		

Master - SSR

Features

1 Pole interface modules, 6.2 mm wide, ideal for PLC and electronic systems

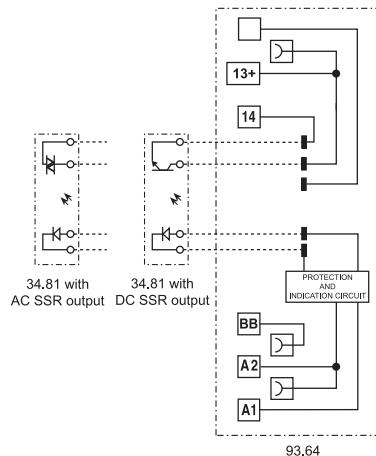
- Jumper link option for the quick and easy distribution of supply voltage to proximity switches and similar input devices (Bus-bar connection BB)

39.40



- 0.1 or 2 A solid state relay
- 6 - 12 V DC, 24 - 125 V AC/DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

39.40
Screw terminal



For outline drawing see page 20

Output specification (SSR)	39.40.x.xxx.9024	39.40.x.xxx.7048	39.40.x.xxx.8240
Contact configuration	1 NO (SPST-NO)		
Rated current/Maximum peak current (10 ms)	A	2/20 DC	0.1/0.5 DC
Rated voltage/Maximum blocking voltage	V	24/33 DC	48/60 DC
Switching voltage range	V	(1.5...24) DC	(1.5...48) DC
Minimum switching current	mA	1	0.05
Max. "OFF-state" leakage current	mA	0.001	0.001
Max. "ON-state" voltage drop	V	0.12	1
Supply specification			
Nominal voltage (U_N)	V AC/DC	24 - 110...125	
	V AC [50/60 Hz]	220...240	
	V DC	6 - 12	
Rated power	VA [50 Hz]/W	See page 17	
Operating range		(0.8...1.1) U_N	
Must drop-out voltage		0.1 U_N	
Technical data			
Operate/release time	ms	0.2/0.6	0.04/0.11
Dielectric strength between input/output	V AC	2,500	
Ambient temperature range	°C	-20...+55	
Protection category		IP20	
Approvals relay (according to type)			

MasterOUTPUT - EMR

Features

1 Pole interface modules, 6.2 mm wide, ideal for PLC and electronic systems

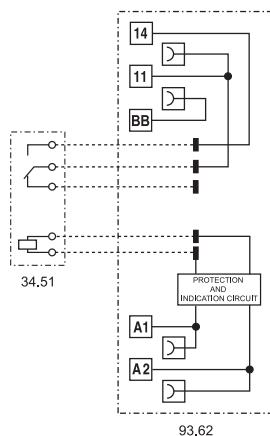
- Jumper link option for the quick and easy distribution of supply voltage to output side (Bus-bar connection BB) and its connection to electromagnetic valves and similar output devices

NEW 39.21



- 6 A electromechanical relay
- 6 - 12 - 24 - 110...125 V AC/DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

39.21
Screw terminal



For outline drawing see page 20

Contact specification

Contact configuration	1 NO (SPST-NO)	
Rated current/Maximum peak current	A	6/10
Rated voltage/Maximum switching voltage	V AC	250/400
Rated load AC1	VA	1,500
Rated load AC15 (230 V AC)	VA	300
Single phase motor rating (230 V AC)	kW	0.185
Breaking capacity DC1: 30/110/220 V	A	6/0.2/0.12
Minimum switching load	mW (V/mA)	500 (12/10)
Standard contact material	AgNi	

Supply specification

Nominal voltage (U_N)	V AC/DC	6 - 12 - 24 - 110...125
	V AC (50/60 Hz)	220...240
Rated power	VA (50 Hz)/W	See page 16
Operating range		(0.8...1.1) U_N
Holding voltage		0.6 U_N
Must drop-out voltage		0.1 U_N

Technical data

Mechanical life AC/DC	cycles	$10 \cdot 10^6$
Electrical life at rated load AC1	cycles	$60 \cdot 10^3$
Operate/release time	ms	5/6
Insulation between coil and contacts (1.2/50 μ s)	kV	6 (8 mm)
Dielectric strength between open contacts	V AC	1,000
Ambient temperature range	°C	-40...+70
Protection category		IP20
Approvals relay (according to type)		RINA

MasterOUTPUT - SSR

Features

1 Pole interface modules, 6.2 mm wide, ideal for PLC and electronic systems

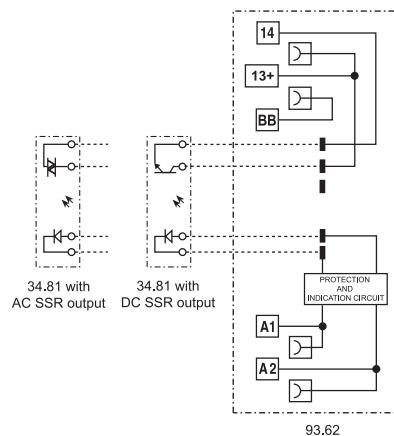
- Jumper link option for the quick and easy distribution of supply voltage to output side (Bus-bar connection BB) and its connection to electromagnetic valves and similar output devices

NEW 39.20



- 0.1 or 2 A solid state relay
- 6 to 24 V DC, 125 V AC/DC and 230 V AC supply
- 35 mm rail (EN 60715) mounting

39.20
Screw terminal



For outline drawing see page 20

Output specification (SSR)	39.20.x.xxx.9024	39.20.x.xxx.7048	39.20.x.xxx.8240	
Contact configuration	1 NO (SPST-NO)			
Rated current/Maximum peak current (10 ms)	A	2/20 DC	0.1/0.5 DC	2/40 AC
Rated voltage/Maximum blocking voltage	V	24/33 DC	48/60 DC	240/275 AC
Switching voltage range	V	(1.5...24) DC	(1.5...48) DC	(12...240) AC
Minimum switching current	mA	1	0.05	22
Max. "OFF-state" leakage current	mA	0.001	0.001	1.5
Max. "ON-state" voltage drop	V	0.12	1	1.6
Supply specification				
Nominal voltage (U_N)	V AC/DC	110...125		
	V AC [50/60 Hz]	220...240		
	V DC	6 - 12 - 24		
Rated power	VA [50 Hz]/W	See page 17		
Operating range		$(0.8...1.1) U_N$		
Must drop-out voltage		$0.1 U_N$		
Technical data				
Operate/release time	ms	0.2/0.6	0.04/0.11	12/12
Dielectric strength between input/output	V AC	2,500		
Ambient temperature range	°C	-20...+55		
Protection category		IP20		
Approvals relay (according to type)				

MasterTIMER - EMR**Features**

Slim timed interface module, 6.2 mm wide, ideal for space-saving timing solutions in panels

- Timer adjustment via top mounted rotary knob, accessible after assembly
- Control signal terminal
- DIP-switch for selection of 4 time scales and 8 functions
- Accepts output fuse module **093.63** (for 5 x 20 mm fuses) for quick and easy load protection, see page 22
- Common connection possible with optional jumper links (terminals A1, A2 and 15)

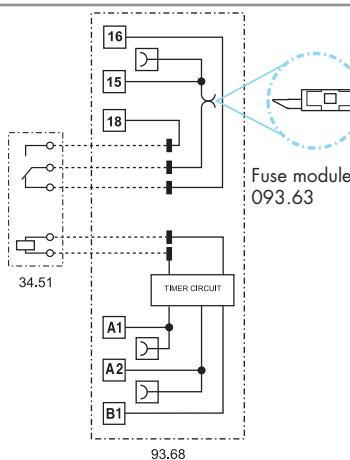
39.81
Screw terminal



NEW 39.81



- 6 A electromechanical relay
- 12 - 24 V AC/DC supply
- 35 mm rail (EN 60715) mounting



AI: On-delay
DI: Interval
GI: Pulse (0.5 s) delayed
SW: Symmetrical flasher (starting pulse on)
BE: Off-delay with control signal
CE: On- and off-delay with control signal
DE: Interval with control signal on
EE: Interval with control signal off

For outline drawing see page 20

Contact specification

Contact configuration	1 CO (SPDT)
Rated current/Maximum peak current	A 6/10
Rated voltage/Maximum switching voltage	V AC 250/400
Rated load AC1	VA 1,500
Rated load AC15 (230 V AC)	VA 300
Single phase motor rating (230 V AC)	kW 0.185
Breaking capacity DC1: 30/110/220 V	A 6/0.2/0.12
Minimum switching load	mW (V/mA) 500 (12/10)
Standard contact material	AgNi

Supply specification

Nominal voltage (U_N)	V AC/DC 12 - 24
Rated power AC/DC	VA (50 Hz)/W See page 16
Operating range	(0.8...1.1) U_N
Holding voltage	0.6 U_N
Must drop-out voltage	0.1 U_N

Technical data

Specified time range	(0.1...3)s, (3...60)s, (1...20)min, (0.3...6)h
Repeatability	% ± 1
Recovery time	ms ≤ 50
Minimum control impulse	ms 50
Setting accuracy – full range	% 5
Electrical life at rated load AC1	cycles $60 \cdot 10^3$
Ambient temperature range	°C $-20...+50$
Protection category	IP20
Approvals relay (according to type)	

MasterTIMER - SSR

Features

Slim timed interface module, 6.2 mm wide, ideal for space-saving timing solutions in panels

- Timer adjustment via top mounted rotary knob; accessible after assembly
- Start terminal
- DIP-switch for selection of 4 time scales and 8 functions
- Accepts output fuse module **093.63** (for 5 × 20 mm fuses) for quick and easy load protection, see page 22
- Common connection possible with optional jumper links (terminals A1, A2 and 15+)

39.80
Screw terminal

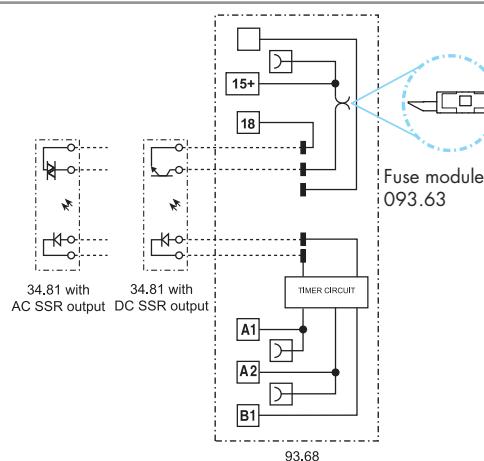


39.80

NEW



- 0.1 or 2 A solid state relay
- 12 - 24 V AC/DC supply
- 35 mm rail (EN 60715) mounting



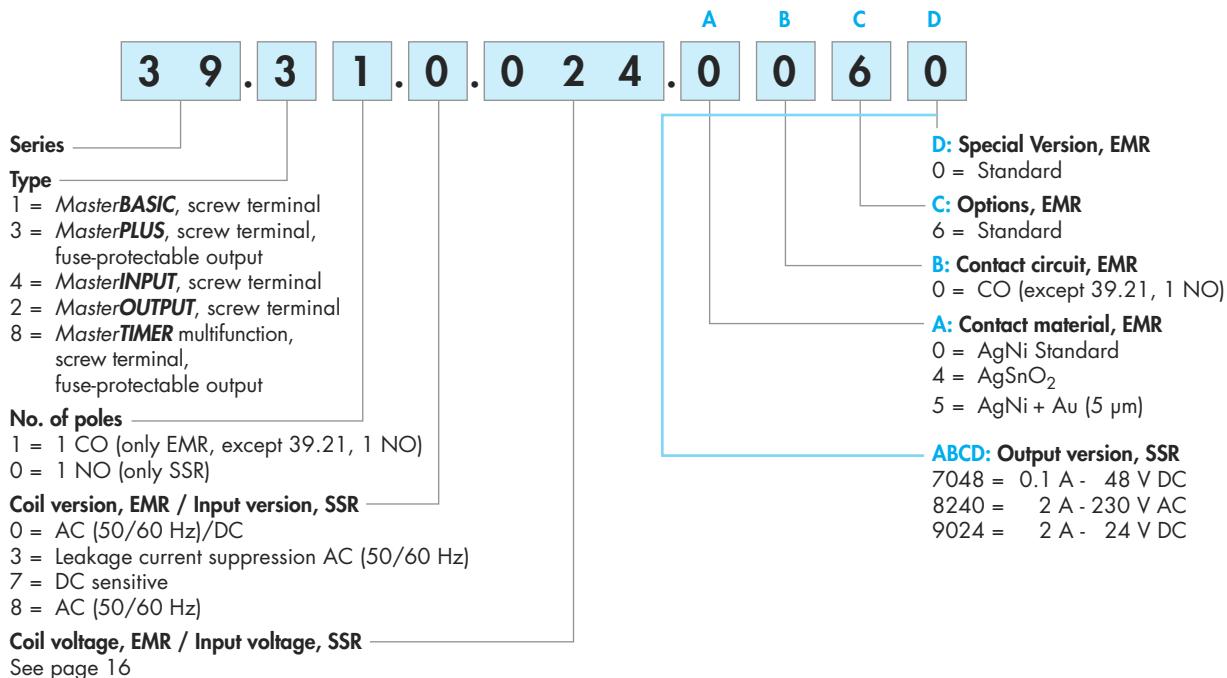
AI: On-delay
DI: Interval
GI: Pulse (0.5 s) delayed
SW: Symmetrical flasher (starting pulse on)
BE: Off-delay with control signal
CE: On and off-delay with control signal
DE: Interval with control signal on
EE: Interval with control signal off

For outline drawing see page 20

Output specification (SSR)	39.80.x.xxx.9024	39.80.x.xxx.7048	39.80.x.xxx.8240
Contact configuration	1 NO (SPST-NO)		
Rated current/Maximum peak current (10 ms)	A	2/20 DC	0.1/0.5 DC
Rated voltage/Maximum blocking voltage	V	24/33 DC	48/60 DC
Switching voltage range	V	(1.5...24) DC	(1.5...48) DC
Minimum switching current	mA	1	0.05
Max. "OFF-state" leakage current	mA	0.001	0.001
Max. "ON-state" voltage drop	V	0.12	1
Supply specification			
Nominal voltage (U_N)	V AC/DC	12 - 24	
Rated power	VA (50 Hz)/W	See page 17	
Operating range		(0.8...1.1) U_N	
Holding voltage		0.6 U_N	
Must drop-out voltage		0.1 U_N	
Technical data			
Specified time range		(0.1...3)s, (3...60)s, (1...20)min, (0.3...6)h	
Repeatability	%	± 1	
Recovery time	ms	≤ 50	
Minimum control impulse	ms	50	
Setting accuracy – full range	%	5	
Ambient temperature range	°C	-20...+50	
Protection category		IP20	
Approvals relay (according to type)			

Ordering information

Example: Master**PLUS** 39 series screw terminal interface module, electromechanical relay output, 1 CO (SPDT), 24 V AC/DC coil.



EMR - Selecting features and options: only combinations in the same row are possible.
Preferred selections for best availability are shown in **bold**.

Type	Coil version	A	B	C	D
39.11	0.006 - 0.012	0 - 4 - 5	0	6	0
	0.024 - 8.230				
39.31	0.006 - 0.012	0 - 4 - 5	0	6	0
	0.024 - 0.060				
	0.125 - 8.230				
	7.125 - 7.220				
39.41	0.006 - 0.012	0 - 4 - 5	0	6	0
	0.024 - 0.125				
	8.230				
39.21	0.006 - 0.012	0 - 4 - 5	0	6	0
	0.024 - 0.125				
	8.230				
39.81	0.012 - 0.024	0	0	6	0

SSR - Selecting features and options: only combinations in the same row are possible.
Preferred selections for best availability are shown in **bold**.

Type	Input version	Output version, ABCD
39.10	7.006 - 7.012	7048 - 8240 - 9024
	7.024 - 8.230	
39.30	7.006 - 7.012	7048 - 8240 - 9024
	7.024 - 7.060	
	7.125 - 7.220	
	0.024 - 0.125	
	8.230	
39.40	0.006 - 0.012	7048 - 8240 - 9024
	0.024 - 0.125	
	8.230	
39.20	0.006 - 0.012	7048 - 8240 - 9024
	0.024 - 0.125	
	8.230	
39.80	0.012 - 0.024	7048 - 8240 - 9024

Technical data

Insulation according to EN 61810-1

Nominal voltage of supply system	V AC	230/400	
Rated insulation voltage	V AC	250	400
Pollution degree		3	2

Insulation between coil and contact set

Type of Insulation	Reinforced
Oversupply category	III
Rated impulse voltage	kV (1.2/50) μ s
Dielectric strength	V AC

Insulation between open contacts (EMR)

Type of disconnection	Micro-disconnection
Dielectric strength	V AC/kV (1.2/50) μ s

Conducted disturbance immunity

	$U_N \leq 60$ V	$U_N = 125$ V	$U_N = 230$ V
Fast transients (burst 5/50 ns, 5 kHz) according to EN 61000-4-4 at supply terminals	kV	4	4
Voltage pulses (surge 1.2/50 μ s) according to EN 61000-4-5 at supply terminals (differential mode)	kV	0.8	2
			4

Other data

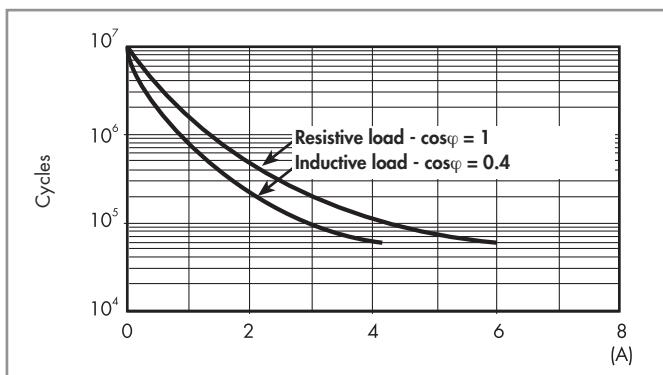
Bounce time (EMR) : NO/NC	ms	1/6
Vibration resistance (EMR, 10..55 Hz): NO/NC	g	10/15
Power lost to the environment	W	0.2 (24 V) – 0.4 (230 V)
	W	0.6 (24 V) – 0.9 (230 V)

Terminals

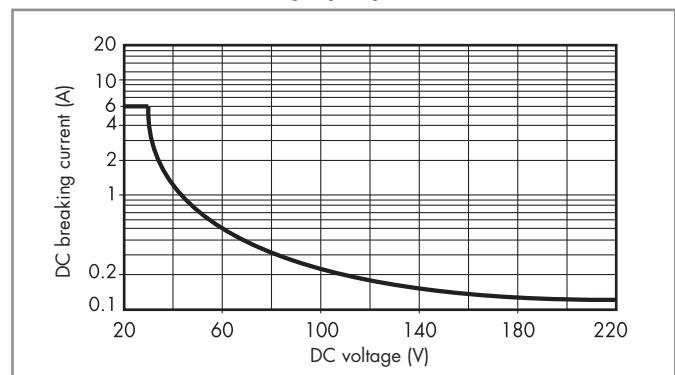
Wire strip length	mm	10
Screw torque	Nm	0.5
Solid and stranded cable		
Max. wire size	mm ²	1 x 2.5/2 x 1.5
	AWG	1 x 14/2 x 16
Min. wire size	mm ²	1 x 0.2
	AWG	1 x 24

Contact specification (EMR)

F 39 - Electrical life (AC) v contact current



H 39 - Maximum DC1 breaking capacity



- When switching a resistive load (DC1) having voltage and current values under the curve, an electrical life of $\geq 60 \cdot 10^3$ can be expected.
- In the case of DC13 loads, the connection of a diode in parallel with the load will permit a similar electrical life as for a DC1 load.
Note: the release time for the load will be increased.

Coil specifications - Electromechanical Relay

Coil data sensitive DC, type 39.31

Nominal Voltage U _N V	Coil code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N W
125 (110...125)	7.125	88	138	12.5	4.6	0.6
220	7.220	176	242	22	3.0	0.6

Coil data AC/DC, type 39.11/21/31/41

Nominal Voltage U _N V	Coil code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N VA/W
6	0.006	4.8	6.6	0.6	35	0.2/0.2
12	0.012	9.6	13.2	1.5	15	0.2/0.2
24	0.024	19.2	26.4	2.4	11	0.25/0.25
60 ⁽¹⁾	0.060	48	66	6.0	5.7	0.35/0.35
125 ⁽²⁾ (110...125)	0.125	88	138	12.5	5.6	0.7/0.7

⁽¹⁾ 60 V AC/DC for type 39.31 only

⁽²⁾ 125 V AC/DC for types 39.21/31/41 only

Coil data AC, type 39.11/21/31/41

Nominal Voltage U _N V	Coil code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N VA/W
230 (230...240)	8.230	184	264	23	4.3	1/0.4

Coil data leakage current suppression versions, type 39.31.3

Nominal Voltage U _N V	Coil code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N VA/W
125 (110...125)	3.125	88	138	44	8.4	1.1/1
230 (230...240)	3.230	184	264	72	5.9	1.4/0.5

The 39 Series interface modules (supply version 3) have built-in leakage current suppression to address industry concerns of the contacts not dropping-out when there is residual current in the circuit; at (110...125)V AC and (230...240)V AC. This problem can occur, for example, when connecting the interface modules to PLC's with triac outputs or when connecting via relatively long cables.

Coil data AC/DC timer, type 39.81

Nominal Voltage U _N V	Coil code	Operating range (AC/DC)		Must drop-out voltage U _r V	Rated input current at U _N		Rated power at U _N	
		U _{min} V	U _{max} V		DC mA	AC mA	DC W	AC VA/W
12	0.012	9.6	13.2	1.2	15	23	0.2	0.3/0.2
24	0.024	19.2	26.4	2.4	11	19	0.25	0.4/0.3

Input specifications - Solid State Relay

Input data sensitive DC, type 39.10/20/30/40

Nominal Voltage U _N V	Input code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N W
		U _{min} V	U _{max} V			
6	7.006	4.8	6.6	0.6	7.5	0.2
12	7.012	9.6	13.2	1.2	20.7	0.25
24 ⁽¹⁾	7.024	19.2	26.4	2.4	10.5	0.25
60 ⁽²⁾	7.060	48	66	6.0	6.4	0.4
125 ⁽²⁾ (110...125)	7.125	88	138	12.5	4.6	0.6
220 ⁽²⁾	7.220	176	242	22	3.0	0.6

⁽¹⁾ 24 V DC for type 39.10/20/30 only

⁽²⁾ 60 V DC, 125 V DC and 220 V DC for type 39.30 only

Input data AC/DC, type 39.20/30/40

Nominal Voltage U _N V	Input code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N VA/W
		U _{min} V	U _{max} V			
24 ⁽³⁾	0.024	19.2	26.4	2.4	17.5	0.4/0.3
125 (110...125)	0.125	88	138	12.5	5.5	0.7/0.7

⁽³⁾ 24 V AC/DC for type 39.30/40 only

Input data AC, type 39.10/20/30/40

Nominal Voltage U _N V	Input code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N VA/W
		U _{min} V	U _{max} V			
230 (230...240)	8.230	184	264	23	4.2	1/0.4

Input data leakage current suppression versions, type 39.30.3

Nominal Voltage U _N V	Input code	Operating range		Must drop-out voltage U _r V	Rated input current at U _N I _N mA	Rated power at U _N VA/W
		U _{min} V	U _{max} V			
125 (110...125)	3.125	88	138	44	8.4	1.1/1
230 (230...240)	3.230	184	264	72	5.9	1.4/0.5

The 39 Series interface modules (supply version 3) have built-in leakage current suppression to address industry concerns of the contacts not dropping-out when there is residual current in the circuit; at (110...125)V AC and (230...240)V AC. This problem can occur, for example, when connecting the interface modules to PLC's with triac outputs or when connecting via relatively long cables.

Input data AC/DC timer, type 39.80

Nominal Voltage U _N V	Input code	Operating range [AC/DC]		Must drop-out voltage U _r V	Rated input current at U _N		Rated power at U _N	
		U _{min} V	U _{max} V		DC mA	AC mA	DC W	AC VA/W
12	0.012	9.6	13.2	1.2	15	23	0.2	0.3/0.2
24	0.024	19.2	26.4	2.4	11	19	0.25	0.4/0.3

Timer specifications

EMC specifications

Type of test		Reference standard	
Electrostatic discharge	contact discharge	EN 61000-4-2	4 kV
	air discharge	EN 61000-4-2	8 kV
Radio-frequency electromagnetic field	(80 ÷ 1,000 MHz)	EN 61000-4-3	10 V/m
	(1,400 ÷ 2,700 MHz)	EN 61000-4-3	10 V/m
Fast transients (burst) (5-50 ns, 5 and 100 kHz)	on Supply terminals	EN 61000-4-4	4 kV
	on control signal terminals	EN 61000-4-4	4 kV
Surges (1.2/50 µs) on supply and control signal terminals	common mode	EN 61000-4-5	2 kV
	differential mode	EN 61000-4-5	0.8 kV
Radio-frequency common mode (0.15 ÷ 80 MHz)	on Supply terminals	EN 61000-4-6	10 V
	on control signal terminals	EN 61000-4-6	3 V
Radiated and conducted emission		EN 55022	class B

Other data

Bounce time (EMR) : NO/NC	ms	1/6
Vibration resistance (EMR, 10..55 Hz): NO/NC	g	10/15
Power lost to the environment	without contact current	W 0.3
	with rated current	W 0.8

Terminals

Wire strip length	mm	10
Screw torque	Nm	0.5
		Solid and stranded cable
Max. wire size	mm ²	1 x 2.5/2 x 1.5
	AWG	1 x 14/2 x 16
Min. wire size	mm ²	1 x 0.2
	AWG	1 x 24

Times scales



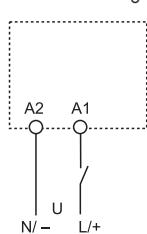
Functions

LED	Supply voltage	NO contact/output
—	OFF	Open
■ ■ ■ ■ ■	ON	Open
■ ■ ■ ■ ■	ON	Open (timing to close in progress)
■ ■ ■ ■ ■	ON	Closed

Wiring diagram
U = Supply voltage

S = Signal switch

Without control signal


(A) On-delay

Apply power to timer. Output contacts transfer after preset time has elapsed. Reset occurs when power is removed.


(D) Interval

Apply power to timer. Output contacts transfer immediately. After the preset time has elapsed, contacts reset.


(G) Pulse (0.5s) delayed

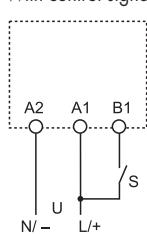
Apply power to timer. Output contacts transfer after preset time has elapsed. Reset occurs after a fixed time of 0.5s.


(SW) Symmetrical flasher (starting pulse on)

Apply power to timer. Output contacts transfer immediately and cycle between ON and OFF for as long as power is applied. The ratio is 1:1 (time on = time off).



With control signal



*With DC supply,
positive polarity has to
be connected to B1,
terminal (according to
EN 60204-1).

(BE) Off-delay with control signal

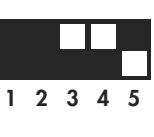
Power is permanently applied to the timer. The output contacts transfer immediately on closure of the Signal Switch (S). Opening the Signal Switch initiates the preset delay, after which time the output contacts reset.


(CE) On- and off-delay with control signal

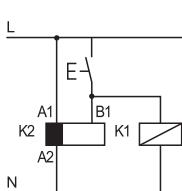
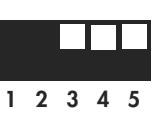
Power is permanently applied to the timer. Closing the Signal Switch (S) initiates the preset delay, after which time the output contacts transfer. Opening the Signal switch initiates the same preset delay, after which time the output contacts reset.


(DE) Interval with control signal on

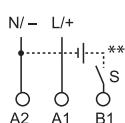
Power is permanently applied to the timer. On momentary or maintained closure of Signal Switch (S), the output contacts transfer, and remain so for the duration of the preset delay, after which they reset.


(EE) Interval with control signal off

Power is permanently applied to the timer. On opening of the Signal Switch (S) the output contacts transfer, and remain so for the duration of the preset delay, after which they reset.



- Possible to control an external load, such as another relay coil or timer, connected to the control signal terminal B1.



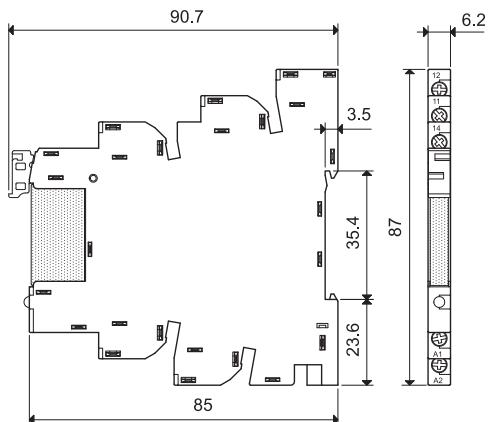
- ** A voltage other than the supply voltage can be applied to the command Start (B1), example:

A1 - A2 = 24 V AC

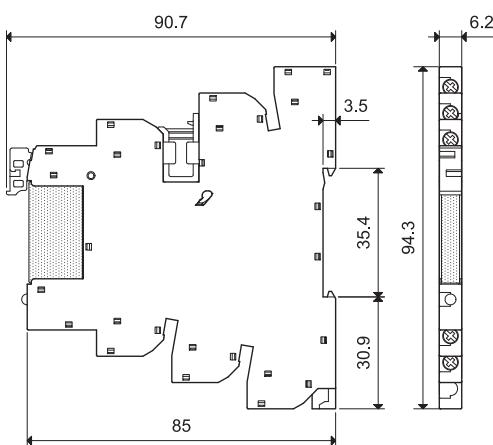
B1 - A2 = 12 V DC

Outline drawings

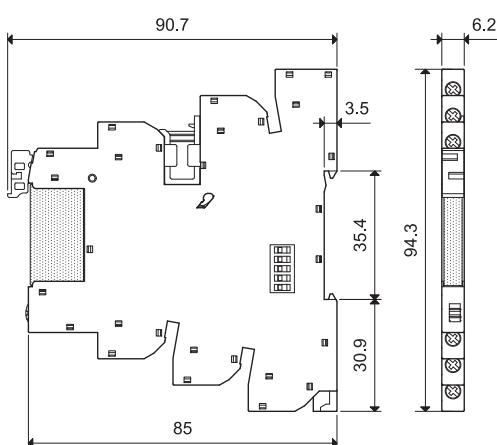
39.10
39.11
Screw terminal



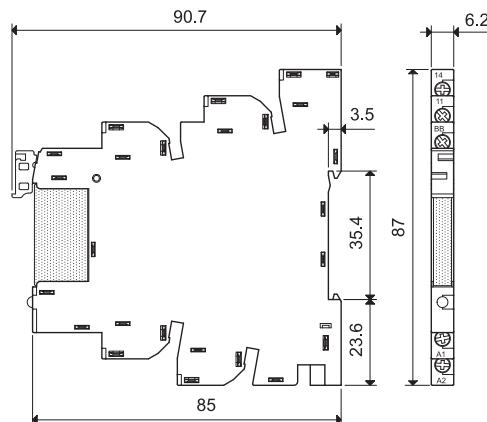
39.30 / 39.30.3
39.31 / 39.31.3
Screw terminal



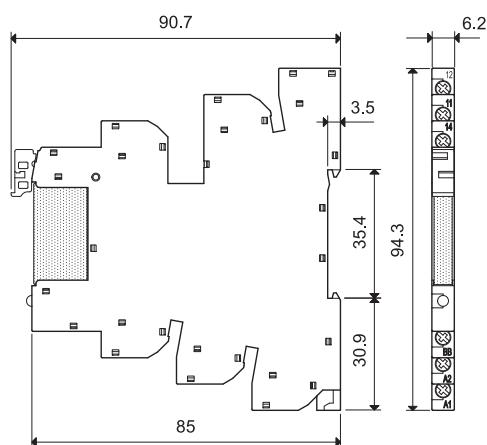
39.80
39.81
Screw terminal



39.20
39.21
Screw terminal



39.40
39.41
Screw terminal



Electromechanical Relay (1 Pole 6 A) & Socket Combinations

Interface Module Code	Coil voltage	Relay	Socket
MasterBASIC			
39.11.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.61.7.024
39.11.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.61.7.024
39.11.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.61.7.024
39.11.8.230.0060	(230...240)V AC	34.51.7.060.0010	93.61.8.230
MasterPLUS			
39.31.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.63.7.024
39.31.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.63.7.024
39.31.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.63.7.024
39.31.0.060.0060	60 V AC/DC	34.51.7.060.0010	93.63.7.060
39.31.0.125.0060	(110...125)V AC/DC	34.51.7.060.0010	93.63.0.125
39.31.8.230.0060	(230...240)V AC	34.51.7.060.0010	93.63.8.230
39.31.7.125.0060	(110...125)V DC	34.51.7.060.0010	93.63.7.125
39.31.7.220.0060	220 V DC	34.51.7.060.0010	93.63.7.220
39.31.3.125.0060	(110...125)V AC	34.51.7.060.0010	93.63.3.125
39.31.3.230.0060	(230...240)V AC	34.51.7.060.0010	93.63.3.230
MasterINPUT			
39.41.0.006.5060	6 V AC/DC	34.51.7.005.5010	93.64.0.024
39.41.0.012.5060	12 V AC/DC	34.51.7.012.5010	93.64.0.024
39.41.0.024.5060	24 V AC/DC	34.51.7.024.5010	93.64.0.024
39.41.0.125.5060	(110...125) V AC/DC	34.51.7.060.5010	93.64.0.125
39.41.8.230.5060	(230...240)V AC	34.51.7.060.5010	93.64.8.230
MasterOUTPUT			
39.21.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.62.7.024
39.21.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.62.7.024
39.21.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.62.7.024
39.21.0.125.0060	(110...125) V AC/DC	34.51.7.060.0010	93.62.0.125
39.21.8.230.0060	(230...240)V AC	34.51.7.060.0010	93.62.8.230
MasterTIMER			
39.81.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.68.0.024
39.81.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.68.0.024

Solid State Relay (1 Pole 0.1 or 2 A) & Socket Combinations

Interface Module Code	Input voltage	Relay	Socket
MasterBASIC			
39.10.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.61.7.024
39.10.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.61.7.024
39.10.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.61.7.024
39.10.8.230.xxxx	(230...240)V AC	34.81.7.060.xxxx	93.61.8.230
MasterPLUS			
39.30.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.63.7.024
39.30.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.63.7.024
39.30.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.63.7.024
39.30.7.060.xxxx	60 V DC	34.81.7.060.xxxx	93.63.7.060
39.30.7.125.xxxx	(110...125)V DC	34.81.7.060.xxxx	93.63.7.125
39.30.7.220.xxxx	220 V DC	34.81.7.060.xxxx	93.63.7.220
39.30.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.63.0.024
39.30.0.125.xxxx	(110...125)V AC/DC	34.81.7.060.xxxx	93.63.0.125
39.30.8.230.xxxx	(230...240)V AC	34.81.7.060.xxxx	93.63.8.230
39.30.3.125.xxxx	(110...125)V AC	34.81.7.060.xxxx	93.63.3.125
39.30.3.230.xxxx	(230...240)V AC	34.81.7.060.xxxx	93.63.3.230
MasterINPUT			
39.40.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.64.0.024
39.40.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.64.0.024
39.40.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.64.0.024
39.40.0.125.xxxx	(110...125) V AC/DC	34.81.7.060.xxxx	93.64.0.125
39.40.8.230.xxxx	(230...240)V AC	34.81.7.060.xxxx	93.64.8.230
MasterOUTPUT			
39.20.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.62.7.024
39.20.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.62.7.024
39.20.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.62.7.024
39.20.0.125.xxxx	(110...125) V AC/DC	34.81.7.060.xxxx	93.62.0.125
39.20.8.230.xxxx	(230...240)V AC	34.81.7.060.xxxx	93.62.8.230
MasterTIMER			
39.80.0.012.xxxx	12 V AC/DC	34.81.7.012.xxxx	93.68.0.024
39.80.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.68.0.024

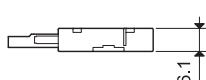
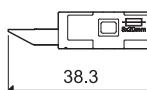
Example: .xxxx
 .9024
 .7048
 .8240

Accessories



093.63

Approvals
(according to type):



Output fuse module for 39.31/30/81/80 types

| 093.63

- For 5 x 20 mm fuses up to 6 A, 250 V
- Easy visibility of the fuse condition through the window
- Quick connection to socket

Notes

Safety: Because the output circuit can be reinstated (point 3 below), even with the fuse removed, it is important not to consider the removal of the fuse as a "safety disconnect". Always isolate elsewhere before working on the circuit.

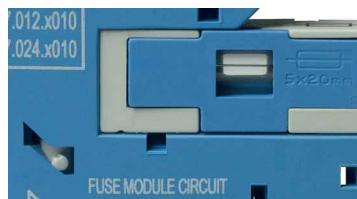
UL: According to UL508A, the fuse module cannot be installed in power circuits (in which it is mandatory that a fuse certified according to UL category JDDZ be fitted). However, where the MasterInterface is connected as an output interface to a PLC no such restrictions apply, and the fuse module can be usefully employed.

Multi-state fuse module

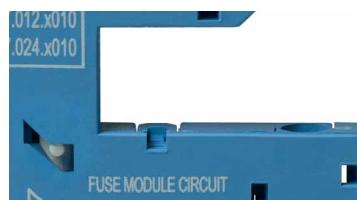
0. As delivered, the socket comes without a fuse module. However, the absent fuse is internally replaced with an electrical link - which allows the interface relay to be used without a fuse module.
In this state, the peg/indicator is visually hidden and the connection is protected by a special cap.



1. With fuse module inserted after removing the cap, the fuse is positioned electrically in series with the common output terminal of the interface module (11 for EMR versions, 13+ for SSR versions, 15 for EMR timer, 15+ for SSR timer). This state is indicated by the peg/indicator.



2. If the fuse module is extracted (for example; because the fuse element has blown) the output circuit will be locked open, as this will generally be the "safe option".
This state is indicated by the peg/indicator.



3. In order to reinstate the output circuit it is necessary to either re-insert the fuse module (complete with functional fuse), or alternatively, return the peg/indicator to position 0 by gently applying pressure in the direction of the arrow.



Accessories


093.16

093.16.0

093.16.1

Approvals
(according to type):

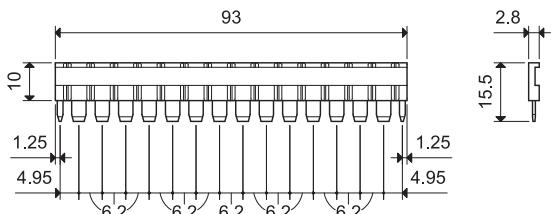

093.60


16-way jumper link

Rated values

093.16 (blue)
093.16.0 (black)
093.16.1 (red)
36 A - 250 V

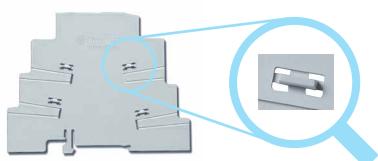
Possibility of multiple connection, side by side



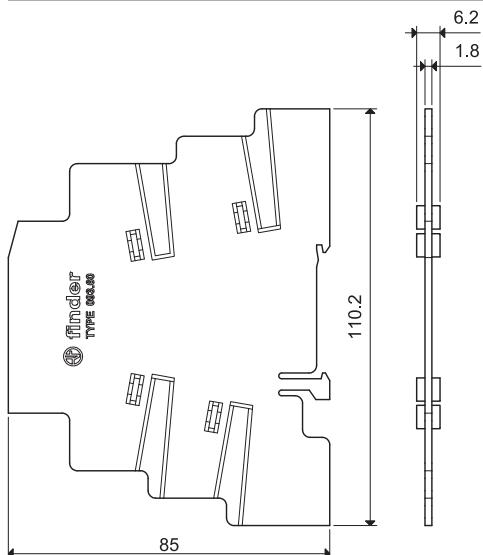
Dual-purpose plastic separator (1.8 mm or 6.2 mm separation)

093.60

1. By breaking off the protruding ribs (by hand), the separator becomes only 1.8 mm thick; useful for the visual separation of different groups of interfaces, or necessary for the protective separation of different voltages of neighbouring interfaces, or for the protection of cut ends of jumper links.



2. Leaving the ribs in place provides 6.2mm separation. Simply cutting (with scissors) the relevant segment(s) permits the interconnection across the separator of 2 different groups of interface relays, using the standard jumper link.



Sheet of marker tags, plastic, 72 tags, 6x12 mm

060.72

060.72

Accessories



093.68.14.1

Approvals
(according to type):



Connected MasterADAPTER

MasterADAPTER

093.68.14.1

The MasterADAPTER permits the easy connection of A1/A2 terminals of up to MasterINTERFACE modules to PLC outputs via a 14-Pole ribbon cable, plus simple 2-wire power supply connection.

Technical data

Rated current (per signal path)	A	1
Minimum required supply power	W	3
Nominal voltage (U_N)	V DC	24
Operating range		(0.8...1.1) U_N
Control logic		Positive switching (to A1)
Power supply status indication		Green LED
Ambient temperature range	°C	-40...+70

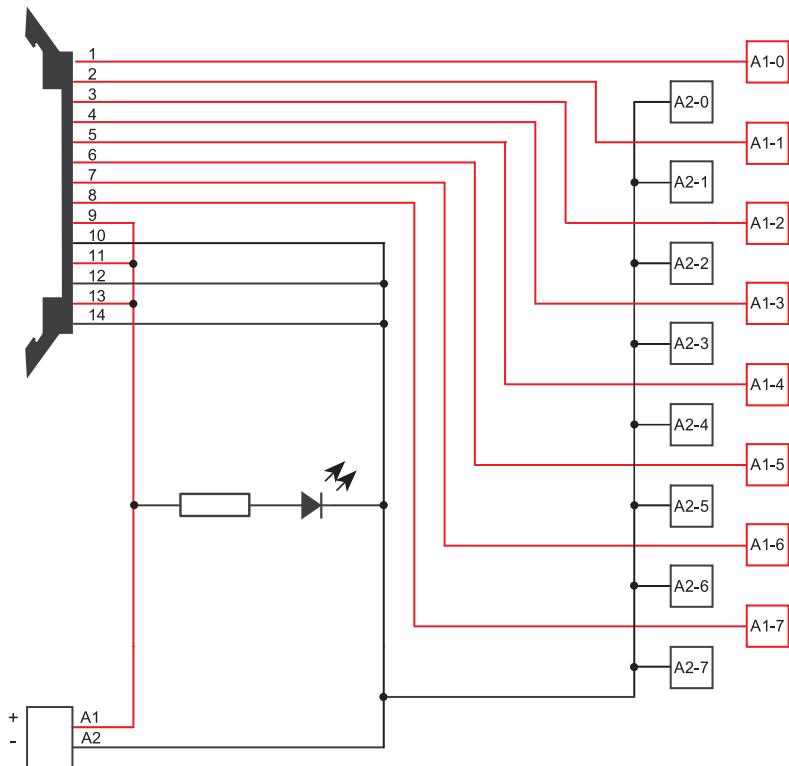
Terminals for 24 V control logic

Type of connector		14 pole, according to IEC 60603-13
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Terminals for 24 V power supply

Wire strip length	mm	9.5
Screw torque	Nm	0.5
Max. wire size		
	solid wire	mm ² 1 x 4/2 x 1.5
		AWG 1 x 12/2 x 16
	stranded wire	mm ² 1 x 2.5/2 x 1.5
		AWG 1 x 14/2 x 16

Wiring diagram



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- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button](#).

Product	Code	Reference	Product link
PC programming kit for 12.71	01200	012.00	Buy on EAN
16-way jumper link; blue	09316	093.16	Buy on EAN
16-way jumper link; black	093160	093.16.0	Buy on EAN
16-way jumper link; red	093161	093.16.1	Buy on EAN
Dual-purpose plastic separator	09360	093.60	Buy on EAN
Output fuse module for 39.31/30/41/40/81/80	09363	093.63	Buy on EAN
Electromechanical Relay; AgNi; 1CO 6A	345170050010	34.51.7.005.0010	Buy on EAN
AgNi + Au contacts	345170055010	34.51.7.005.5010	Buy on EAN
Electromechanical Relay; AgNi; 1CO 6A	345170120010	34.51.7.012.0010	Buy on EAN
AgNi + Au contacts	345170125010	34.51.7.012.5010	Buy on EAN
Electromechanical Relay; AgNi; 1CO 6A	345170240010	34.51.7.024.0010	Buy on EAN
AgNi + Au contacts	345170245010	34.51.7.024.5010	Buy on EAN
Electromechanical Relay; AgNi; 1CO 6A	345170600010	34.51.7.060.0010	Buy on EAN
AgNi + Au contacts	345170605010	34.51.7.060.5010	Buy on EAN
MasterBASIC: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 6VDC	391070069024	39.10.7.006.9024	Buy on EAN
MasterBASIC: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 12VDC	391070129024	39.10.7.012.9024	Buy on EAN

MasterBASIC: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 6VDC	391070248240	39.10.7.024.8240	Buy on EAN
MasterBASIC: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 24VDC	391070249024	39.10.7.024.9024	Buy on EAN
MasterBASIC: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 230VAC	391082309024	39.10.8.230.9024	Buy on EAN
MasterBASIC: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 6VAC/DC	391100060060	39.11.0.006.0060	Buy on EAN
MasterBASIC: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 12VAC/DC	391100120060	39.11.0.012.0060	Buy on EAN
MasterBASIC: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 24VAC/DC	391100240060	39.11.0.024.0060	Buy on EAN
MasterBASIC: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 230VAC	391182300060	39.11.8.230.0060	Buy on EAN
MasterOUTPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 6VDC	392070069024	39.20.7.006.9024	Buy on EAN
MasterOUTPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 12VDC	392070129024	39.20.7.012.9024	Buy on EAN
MasterOUTPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 24VDC	392070249024	39.20.7.024.9024	Buy on EAN
MasterOUTPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 230VAC	392082309024	39.20.8.230.9024	Buy on EAN
MasteOUTPUT: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 6VAC/DC	392100060060	39.21.0.006.0060	Buy on EAN
MasteOUTPUT: Electromec. Relay; Screw Terminals; AgNi 1 pole 6A; 12VAC/DC	392100120060	39.21.0.012.0060	Buy on EAN
MasteOUTPUT: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 24VAC/DC	392100240060	39.21.0.024.0060	Buy on EAN
MasteOUTPUT: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 125VAC/DC	392101250060	39.21.0.125.0060	Buy on EAN
MasteOUTPUT: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 230VAC	392182300060	39.21.8.230.0060	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 24VAC/DC	393000249024	39.30.0.024.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-240VAC; 110...125VAC/DC	393001258240	39.30.0.125.8240	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 110...125VAC/DC	393001259024	39.30.0.125.9024	Buy on EAN
MasterPLUS: Leakage current suppression; Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 110...125VAC/DC	393031259024	39.30.3.125.9024	Buy on EAN
MasterPLUS: c Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 230VAC/DC	393032309024	39.30.3.230.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 6VDC	393070069024	39.30.7.006.9024	Buy on EAN

MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 12VDC	393070129024	39.30.7.012.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 24VDC	393070249024	39.30.7.024.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 60VDC	393070609024	39.30.7.060.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 125VDC	393071259024	39.30.7.125.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 220VDC	393072209024	39.30.7.220.9024	Buy on EAN
MasterPLUS: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 230VAC	393082309024	39.30.8.230.9024	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 6VAC/DC	393100060060	39.31.0.006.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 12VAC/DC	393100120060	39.31.0.012.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 24VAC/DC	393100240060	39.31.0.024.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 60VAC/DC	393100600060	39.31.0.060.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 125VAC/DC	393101250060	39.31.0.125.0060	Buy on EAN
MastePLUS: Leakage current suppression; Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 125VAC/DC	393131250060	39.31.3.125.0060	Buy on EAN
MastePLUS: Leakage current suppression; Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 230VAC/DC	393132300060	39.31.3.230.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 125VDC	393171250060	39.31.7.125.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 220VDC	393172200060	39.31.7.220.0060	Buy on EAN
MastePLUS: Electromec. Relay; Screw Terminals; AgNi; 1 pole 6A; 230VAC	393182300060	39.31.8.230.0060	Buy on EAN
MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 24VAC/DC	394000248240	39.40.0.024.8240	Buy on EAN
MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 24VAC/DC	394000249024	39.40.0.024.9024	Buy on EAN
MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 125VAC/DC	394001259024	39.40.0.125.9024	Buy on EAN
MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 6VDC	394070069024	39.40.7.006.9024	Buy on EAN
MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 12VDC	394070129024	39.40.7.012.9024	Buy on EAN
MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 6VDC	394072207048	39.40.7.220.7048	Buy on EAN

MasterINPUT: Solid State Relay; Screw Terminals; 1 output 2A-24VDC; 230VAC	394082309024	39.40.8.230.9024	Buy on EAN
MasterINPUT: Electromec. Relay; Screw Terminals; AgNi+Au; 1 pole 6A; 6VAC/DC	394100065060	39.41.0.006.5060	Buy on EAN
MasterINPUT: Electromec. Relay; Screw Terminals; AgNi+Au; 1 pole 6A; 12VAC/DC	394100125060	39.41.0.012.5060	Buy on EAN
MasterINPUT: Electromec. Relay; Screw Terminals; AgNi+Au; 1 pole 6A; 24VAC/DC	394100245060	39.41.0.024.5060	Buy on EAN
MasterINPUT: Electromec. Relay; Screw Terminals; AgNi+Au; 1 pole 6A; 125VAC/DC	394101255060	39.41.0.125.5060	Buy on EAN
MasterINPUT: Electromec. Relay; Screw Terminals; AgNi+Au; 1 pole 6A; 125VAC/DC	394172205060	39.41.7.220.5060	Buy on EAN
MasterINPUT: Electromec. Relay; Screw Terminals; AgNi+Au; 1 pole 6A; 230VAC	394182305060	39.41.8.230.5060	Buy on EAN
MasterTIMER: Timed interface module; Screw terminals; Multifunction: AI,DI,GI,SW; 1 output 2A-24VDC; Solid State Relay; 12VAC/DC	398000129024	39.80.0.012.9024	Buy on EAN
MasterTIMER: Timed interface module; Screw terminals; Multifunction: AI,DI,GI,SW; 1 output 2A-24VDC; Solid State Relay; 24VAC/DC	398000249024	39.80.0.024.9024	Buy on EAN
MasterTIMER: Timed interface module; Screw terminals; Multifunction: AI,DI,GI,SW,BE,CE,DE,EE; 1 pole 6A; Electromec. Relay; 12VAC/DC	398100120060	39.81.0.012.0060	Buy on EAN
MasterTIMER: Timed interface module; Screw terminals; Multifunction: AI,DI,GI,SW,BE,CE,DE,EE; 1 pole 6A; Electromec. Relay; 24VAC/DC	398100240060	39.81.0.024.0060	Buy on EAN