

# ACTIVE PRODUCTS SUMMARY

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## PRODUCT INFORMATION

When good enough just isn't good enough

**Weidmüller** 

## Cable Interface Modules



Poles	length(mm)	RSF ribbon cable	RSSD D-sub	
			male	female
9	45		8003901001	8003911001
10	50	0224961001		
14	50	0225061001		
15	60		8005201001	8005211001
16	55	0225161001		
20	65	0224261001		
25	80		8005181001	8005191001
26	80	0224861001		
34	110	0224361001		
37	110		8003881001	8003891001
40	115	0224461001		
50	145	0224561001	8005161001	8005171001
60	180	0224661001		
64	180	0224761001		
CSA rating			1A per pole, 125V max.	
Wire Size			26-12 AWG	
Mounting			32mm & 35mm DIN rail	

Weidmüller offers an extensive range of cable interface modules including Elco, RJ45, DIN, TCON and many more. Also offered are modules specifically for PLC input and outputs. Consult Weidmüller for details.

## AC Outlet Modules



NEW

	Single Outlet	Duplex Outlet	GFI Duplex Outlet	
	side entry terminals	side entry terminals	top entry terminals*	side entry terminals
<b>CSA Rating</b>	120Vac, 15A	120Vac, 15A total	120Vac, 15A	120Vac, 15A
<b>Wire size</b>	26-12 AWG	26-12 AWG	26-14 AWG	20-10 AWG
<b>Dimensions</b>	30 x 70 x 48mm	75 x 70 x 48mm	130 x 95 x 67 mm	
<b>Catalog Number</b>	9915480000	9915490000	7940000037	7940000036

## Relay Modules



### Plug Series

- modular construction
- screw terminal (PRS) and tension clamp (PRZ) versions
- industry standard relay packages
- jumpering of coil and contact connections using ZQV plug-in jumpers
- 1 form C (SPDT) and 2 form C (DPDT) versions
- UL recognized, CSA certified, CE mark

Coil voltage	Contacts (1C=SPDT, 2C=DPDT)	PRS (screw clamp)	PRZ (tension clamp)
12Vdc	1C	8536471001	8536571001
	2C	8536501001	8536591001
24Vdc	1C	8530621001	8530691001
	2C	8530631001	8530701001
	2C c/w test button	8596000000	8595970000
	2C - gold flashed	8561760000	8552440000
115Vdc	1C	8536510000	8536610000
	2C	8536520000	8536630000
24Vac	1C	8536530000	8536651001
	2C	8536560000	8536681001
120Vac	1C	8530641001	8530710000
	2C	8530661001	8530720000
	2C - gold flashed	8595960000	8575940000
230Vac	1C	8530671001	8530731001
	2C	8530681001	8530741001
	2C - gold flashed	8595990000	8575950000

### Technical specifications:

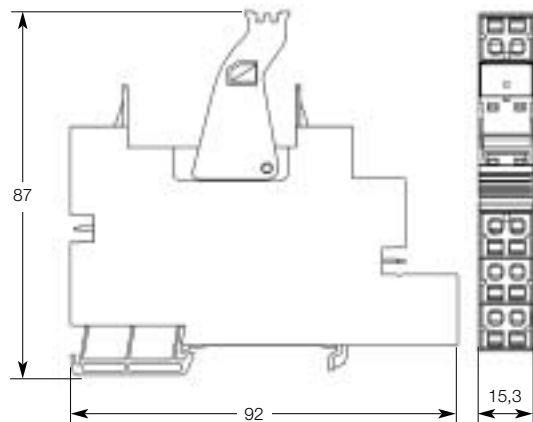
Coil power:	400mW DC, 760VA AC
Status indication:	red LED in plug-in module (included)
Wire size:	22-14 AWG
Mounting:	35mm DIN rail
CSA rating:	1C 250V, 16A 2C 250V, 10A per pole
Consult Weidmüller for complete technical specifications.	

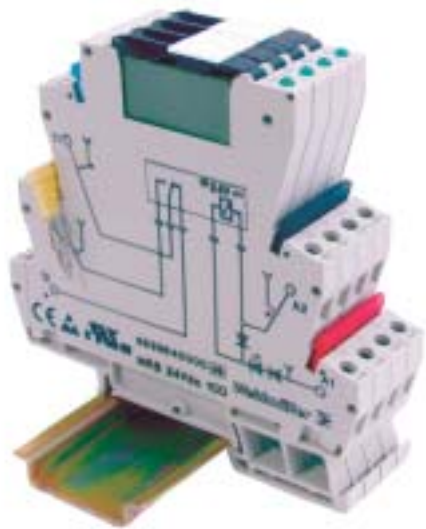
### Accessories:

Each PRS/PRZ relay module has provision for 2 jumpers on each coil connection and on each common connection of each relay pole. A 2 pole ZQV jumper is used to connect the coil or contact to the adjacent Plug series relay.

2 pole jumper	black:	1784270000
	red:	1784280000
	blue:	1784290000

An RC snubber circuit can be installed in place of the LED module on 120Vac or 230Vac relay modules. The RC circuit provides immunity to approximately 1.6mA of off-state leakage current produced by PLC triac outputs. Snubber catalog number: 8566530000.





- just 6.1mm wide
- socket mounted 1 form C (SPDT) relay
- screw clamp and tension clamp versions
- pluggable jumpers
- green status LED
- UL recognized, CSA certified, CE mark
- 4 versions are Class 1 Division 2 certified \*

**Technical specifications:**

Coil voltage: see table, ±10%  
 120Vac/dc modules use 60Vdc relay  
 230Vac modules use 24Vdc relay

Switching time: 6-13ms on time  
 4-11ms off time

Contact rating (CSA) 6A switching  
 6A up to 25 deg.C ambient, 3A @ 50 deg.C ambient

Contact material: AgSnO

Wire Size: MRS 26-12 AWG  
 MRZ 26-14 AWG

Number of Operations: 60,000 @ 6A resistive/250Vac  
 300,000 @ 6A resistive/24Vdc

Coil	MRS (screw clamp)	MRZ (tension clamp)
5Vdc @ 39mA	8556080000	8556150000
12Vdc @ 17mA	8556070000	8556140000
24Vdc @ 6.6mA	8533640000 - standard 8596060000 - gold plated	8533660000 -standard 8596080000 - gold plated
24Vac/dc @ 11mA ac, 6mA dc	8556050000	8556120000
48Vac/dc @ 5mA ac, 4mA dc	8556040000	8556110000
60Vdc @ 3.3mA	8556060000	8556130000
120Vac/dc @ 3.5mA ac/dc	8556030000 - standard 8652030000 - gold plated	8556100000 - standard 8652040000 - gold plated
230Vac @ 7.6mA	8556020000 - standard 8596050000 - gold plated	8556090000 - standard 8596070000 - gold plated

**Pluggable Jumpers**

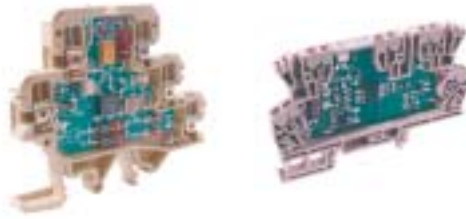
Poles	yellow	red	blue	black
2	1758250000	1793950000	1793960000	1793970000
3	1762630000	1793980000	1793990000	1794000000
4	1762620000	1794010000	1794020000	1794030000
10	1758260000	1794040000	1794050000	1794060000
41	1758270000	1794070000	1794080000	1794090000

Optional spring clip to secure release lever in high vibration environments:  
 MRS: 7940000796  
 MRZ: 7940000631

\* Consult Weidmuller for Class 1 Division 2 certified versions.

## Optocouplers / Solid State Relay Modules/ Analog Signal Conditioners

- MC5O: screw clamp, mounts on 32mm and 35mm DIN rails, 6mm wide, Class 1 Division 2 certified.
- MCZ: tension clamp, mounts on 35mm DIN rail, 6mm wide



Input	Output	MC5O	MCZ
24Vdc or 120Vac	5-30Vac @ 100mA	9915700000	
24Vdc	5-34Vdc @ 10A (6A inductive)	7901690001	
24Vdc	5-48Vdc @ 20mA		8365940000
120Vac/dc	5-48Vdc @ 50mA		8421060000

### MPI-Opto:

- 1 input, 2 isolated outputs
- input: 5V or 12-24Vdc
- outputs: 2 x 12-28Vdc @ 50mA
- 50 KHz max. switching frequency
- inverted and non-inverted outputs
- Class 1 Division 2 certified

Catalog number: 9916080000



### Analog Signal Conditioners:

- picoPak MC5: 6mm wide, mounts on 32mm and 35mm DIN rails
- picoPak MC6: 8mm wide, mounts on 32mm and 35mm DIN rails
- MCZ: 6mm wide, tension clamp terminals, mounts on 35mm DIN rail



Input	Output	MC5	MC6	MCZ
potentiometer	4-20mA output loop powered	9908810000		
4-20mA	4-20mA output loop powered optical isolation		9908800000 CSA Class 1 Division 2	
4-20mA	4-20mA transformer coupled input loop powered			8411190000
0-5Aac	4-20mA output loop powered		9916240000	
3 wire RTD	4-20mA output loop powered			0-100°C 8425720000 0-120°C 8483680000 0-150°C 8604420000 0-200°C 8473010000 0-300°C 8473020000 -50-150°C 8473000000 -40-100°C 8604430000

## Analog Signal Conditioners

### Micro Series

- just 6.1 mm wide
- mounts on 35mm DIN rail
- 3 port isolation
- selectable input & output ranges
  - 0-10Vdc
  - 0-20mA
  - 4-20mA
- screw clamp and tension clamp versions

#### Catalog numbers:

screw clamp: 8594810000

tension clamp: 8594840000



NEW

### WavePro series

- DIP switch configurable - hundreds of input/output configurations
- compact, 35mm DIN rail mounted housing
- plug & socket terminations (screw clamp or tension clamp)



### DC/DC

#### Input:

20mV min. to 200Vdc max.  
0.3mA to 50mA max.

32 standard ranges plus option for custom ranges. Unipolar or bipolar

#### Output:

0-5V, 1-5V, 0-10V, 2-10V, 0-20mA, 4-20mA, unipolar or bipolar

Response time: 0.1ms or 100ms (user selectable)

#### Catalog numbers:

screw clamp: 8560740000

tension clamp: 8560750000

### RTD

#### Input:

2,3,4 wire PT100, Ni100 or potentiometer up to 100K. Over 400 standard temperature ranges plus option for custom ranges.

#### Output:

0-10Vdc, 0-20mA, 4-20mA

Response time: selectable 1.2 or 2.2s

#### Catalog numbers:

screw clamp: 8560700000

tension clamp: 8560710000

### Thermocouple

#### Input:

K,J,T,E,N,R,S,B thermocouples  
480 standard temperature ranges  
plus option for custom ranges  
Cold junction compensated.

#### Output:

0-10Vdc, 0-20mA, 4-20mA  
linearized to temperature

Response time: selectable 1.4 or 7.5s

#### Catalog numbers:

screw clamp: 8560720000

tension clamp: 8560730000

## 24Vdc Switchmode Power Supplies

- 120/230Vac input
- 24Vdc @ 1A output
- mounts on 35mm DIN rail
- CSA, UL Listed, CE mark
- CSA Class 1 Division 2

Catalog number: 9928890024



- 120/230Vac input
- 24Vdc @ 2.3A output
- mounts on 35mm DIN rail
- CSA, UL Listed, CE mark
- CSA Class 1 Division 2

Catalog number: 9927480024



- 120/230Vac input
- 24Vdc @ 6.5A output
- mounts on 35mm DIN rail or direct panel mount
- fault relay
- CSA, UL Listed, CE mark
- CSA Class 1 Division 2

Catalog number: 9925340024  
Class 1 Division 2 version:  
9925340024C1D2



- 120/230Vac input
- 24Vdc @ 12.5A output
- mounts on 35mm DIN rail or direct panel mount
- parallel operation of up to 5 modules
- 0-10Vdc analog outputs for internal temperature, output voltage and output current
- CSA, UL Listed, CE mark

Catalog number: 9916250024



## Fuse Modules with Overvoltage Protection

- 24Vdc and 120Vac versions
- fused output
- 22.5mm wide, 35mm DIN rail mounted housing
- plug & socket connections
- easy access to internal components for inspection
- CSA approved

Catalog numbers:

24Vdc, .2A	7924241024
120Vac, 0.5A	7924250120
120Vac, 1A	7924251120
120Vac, 2.5A	7924252120
120Vac, 5A	7924253120



- 24Vdc and 120Vac versions
- fused output
- 6mm wide, 35mm DIN rail mounted housing with direct connections to rail for grounding
- tension clamp connections
- CSA approved

Catalog numbers:

24Vdc, 0.5A	7940000634
120Vac, 0.8A	7940000635





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Weidmüller is the leading manufacturer of components for electrical connection technology.

We develop, produce and sell a wide spectrum of products from terminal blocks through connectors to relay sockets and I/O sockets for every type of application.

Order number:

Printed in Canada. 99990290/09/2002