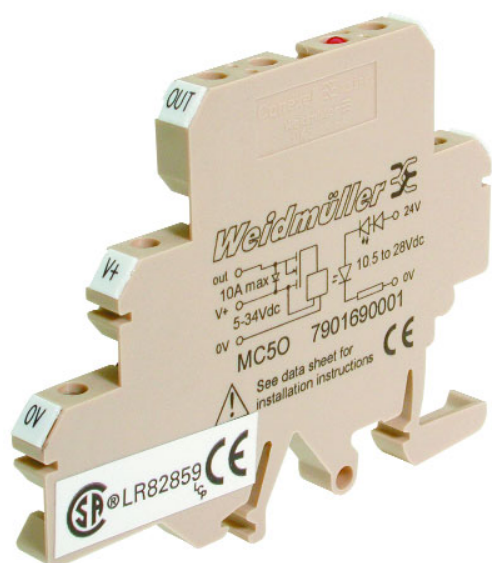


picoPak™ Optocoupler Modules

NEW



picoPak™ optocoupler modules are ideal for applications where DIN rail space is limited. Requiring just 6mm of either 32mm or 35mm DIN rail, they easily fit in the space normally occupied by a single terminal block.

Two versions are available:

MC50-Input: Dual 24Vdc and 120Vac input with a 5-30Vdc @100mA output. 120Vac input includes leakage immunity up to 5mA.

MC50-Output: Designed as a solenoid driver, this module has a 24Vdc input and an output rated 5-34Vdc @ 10A maximum - resistive or 6A - inductive.

CSA Class 1 Div 2 approved

Other features include:

- status LED
- input polarity protection
- back-EMF diode protection on outputs
- high input-output isolation
- CSA approved

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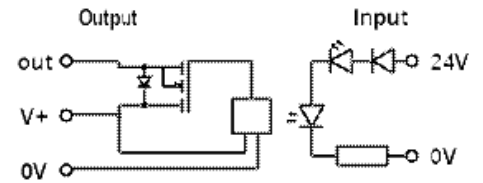
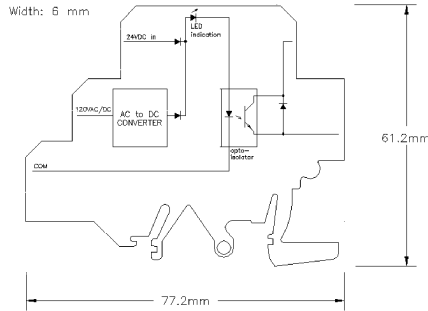
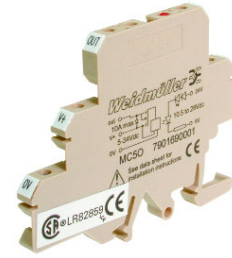
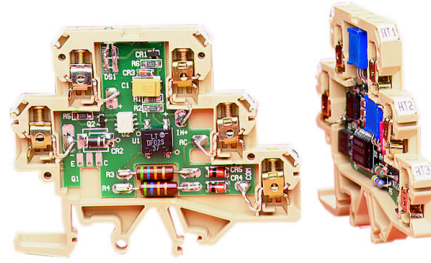
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Weidmüller 

picoPak Optocoupler Modules



Rated data

Input	
voltage	
min. turn-on current	
protection	
Output	
voltage	
current	
volt. drop @ max. load	
turn-on/off time, 24Vdc input	
120Vac input	
125Vdc input	
protection	
Isolation	
input-output	
General	
operating temperature	
wire size	
width on 32/35mm rail	
Approvals	
Ordering data	
picoPak	
optional endplate ³⁾	

picoPak MC50 Input

24Vdc ±10%	
120Vac/dc±10%	
15Vdc, 90Vac	
4mA @ 24Vdc	
19mA @ 120Vac	
polarity diode on 24Vdc input	
MOV on 120Vac/dc input	
120Vac input protected against up to 5mA of leakage current	
5-30Vdc	
100mA ¹⁾	
2Vdc	
1ms	
150ms typ.	
100ms typ.	
back-EMF diode	
2500V	
0° to +50°C	
22-12 AWG (0.5-4.0mm ²)	
6mm	
CSA	
9915700000	
C9039986	

picoPak MC50 Output

24Vdc nom.	
12.5Vdc	
5.0mA @ 24Vdc	
polarity diode	
5-34Vdc	
10A resistive	
6A inductive	
0.1Vdc @ 10A	
1ms	
back-EMF diode	
4000V	
-40 to +60°C	
22-12 AWG (0.5-4.0mm ²)	
6mm	
CE, CSA	
Class 1 Division 2	
7901690001	
C9039986	

1) derate by 0.8mA per °C above 25°C ambient
 2) 5 to 20mm spacing between terminals recommended when operating in environments with ambient temperatures over 30°C
 3) required on last terminal in a group, 1.5mm wide.