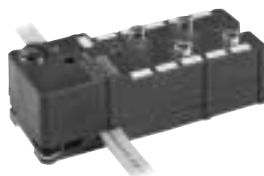


Input via
M8 round plug connector with

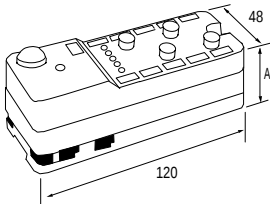
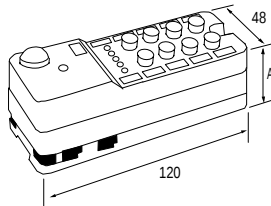
IP67 Protection

MVK8-ASI
DI4



MVK8-ASI
DI8



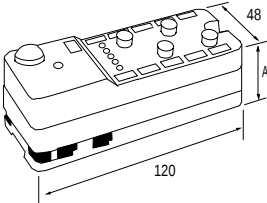
Ordering data		Art.-No.	Art.-No.	Art.-No.	Art.-No.
4 digital inputs	screw mounting	55630	55636		
	DIN-rail mounting	5955630	5955636		
8 digital inputs	screw mounting			55631	55637
	DIN-rail mounting			5955631	5955637
Technical data					
AS-Interface supply voltage		26,5...31,6 V			
AS-Interface current usage		≤ 250 mA			
Addressing		1...31 via address port, pre-adjusted to address 0		2 x 1...31 via address port, pre-adjusted to address 0	
Bus branching possible		no	yes	no	yes
Inputs					
Number of		4		8	
Type		for 3-wire sensors, p-switching or for mechanical switches			
Input guide line		IEC 1131 part 2			
Sensor supply		≤ 200 mA, short-circuit and overload protected			
Short-circuit protection		electronic			
Status indicator		LED yellow per input			
Diagnostics					
LED green / LED red		coded to AS-Interface, specification 2.11 (Watchdog, 0-address, sensor supply, short-circuit and overload protected)			
General data					
Temperature range		0...55°C			
Dimension H x D x W		120 x 48 x 38 mm			
Weight		approx. 130 g		approx. 150 g	
Dimension drawing					
		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm	
Accessories		Art.-No.			
Handbook German		55736			
Handbook English		55737			
Handbook French		55738			
M8 blind plug		3858627			
AS-Interface end cap for flat profile cable		(10 pieces) 5 pieces left, 5 pieces right 55746			
Notes					

Output via
M8 round plug connector

MVK8-ASI
DO4

IP67 Protection

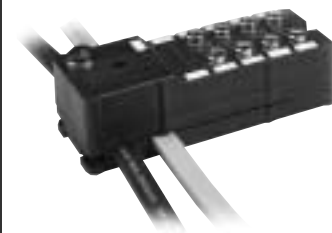


Ordering data		Art.-No.
4 digital outputs	screw mounting	55632
	DIN-rail mounting	5955632
Technical data		
AS-Interface supply voltage	26,5...31,6 V	
AS-Interface current usage	≤ 20 mA	
Addressing	1...31 via address port, pre-adjusted to address 0	
Outputs		
Number of	4	
Supply voltage	external 24 V DC (18...30,2 V DC) to DIN 19240, connection via black AS-Interface flat profile cable	
Current per output	0,5 A, 100 % ED, short-circuit and overload protected	
Combined current	2 A	
Short-circuit protection	electronic	
Filament lamp load max.	2 W	
Max. switching frequency	resistive load: 100 Hz; inductive load: 1 Hz	
Status indicator	LED yellow per output	
Diagnostics		
LED green / LED red	coded to AS-Interface, specification 2.11 (Watchdog, 0-address, sensor supply, short-circuit and overload protected)	
External supply voltage	LED green	
General data		
Temperature range	0...55°C	
Dimension H x D x W	120 x 48 x 38 mm	
Weight	approx. 130 g	
Dimension drawing		
		Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm
Accessories		Art.-No.
Handbook German		55736
Handbook English		55737
Handbook French		55738
M8 blind plug		3858627
AS-Interface end cap for flat profile cable		(10 pieces) 5 pieces left, 5 pieces right 55746
Notes		

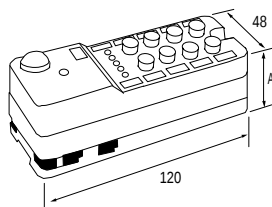
**Input/output via
M8 round plug connector**

**MVK8-ASI
DI4 DO4**

IP67 Protection



Ordering data		Art.-No.	Art.-No.
4 digital inputs/outputs	screw mounting	55634	55635
	DIN-rail mounting	5955634	5955635
Technical data			
AS-Interface supply voltage		26,5...31,6 V	
AS-Interface current usage		250 mA	40 mA
Addressing		1...31 via address port, pre-adjusted to address 0	
Inputs			
Number of		4	
Type		for 3-wire sensors, p-switching or for mechanical switches	
Input guide line		IEC 1131 part 2	
Supply voltage		—	external 24 V DC (18...30,2 V DC) to DIN 19240
Sensor supply		≤ 200 mA from the AS-Interface bus, short-circuit + overload protected	≤ 1,6 A via external 24 V DC power supply, short-circuit + overload protected
Short-circuit protection		electronic	
Status indicator		LED yellow per input	
Outputs			
Number of		4	
Supply voltage		external 24 V DC (18...30,2 V DC) to DIN 19240, connection via black AS-Interface flat profile cable	
Current per output		0,5 A, 100 % ED	
Combined current		2 A	
Short-circuit protection		electronic	
Filament lamp load max.		2 W	
Max. switching frequency		resistive load: 100 Hz; inductive load: 1 Hz	
Status indicator		LED yellow per output	
Diagnostics			
LED green/LED red		coded to AS-Interface, specification 2.11 (Watchdog, 0-address, sensor supply, short-circuit and overload protected)	
External supply voltage		LED green	
General data			
Temperature range		0...55°C	
Dimension H x D x W		120 x 48 x 38 mm	
Weight		approx. 150 g	
Dimension drawing			



Dimension A
Base plate for screw mounting 38 mm
Base plate for snap in mounting 44 mm

Accessories		Art.-No.
Handbook German		55736
Handbook English		55737
Handbook French		55738
M8 blind plug		3858627
AS-Interface end cap for flat profile cable	(10 pieces) 5 pieces left, 5 pieces right	55746
Notes		

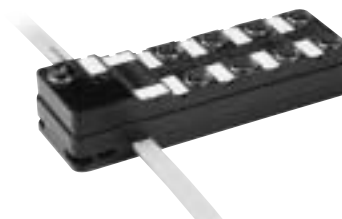
Input via
M12 round plug connector

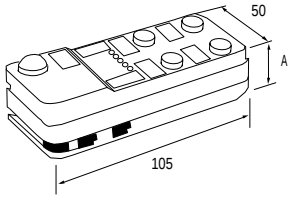
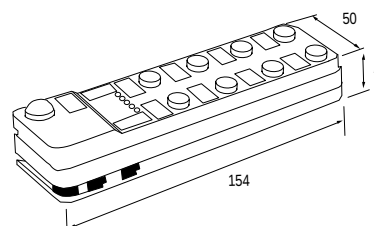
IP67 Protection

MVK12-ASI
DI4



MVK12-ASI
DI8



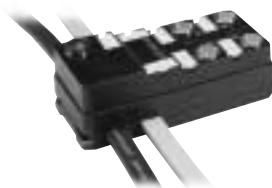
Ordering data		Art.-No.	Art.-No.	Art.-No.	Art.-No.
4 digital inputs	screw mounting	55610	55622		
	DIN-rail mounting	5955610	5955622		
8 digital inputs	screw mounting			55612	55623
	DIN-rail mounting			5955612	5955623
Technical data					
AS-Interface supply voltage		26,5...31,6 V			
AS-Interface current usage		≤ 250 mA		≤ 450 mA	
Addressing		1...31 via address port, pre-adjusted to address 0		2 x 1...31 via address port, pre-adjusted to address 0	
Bus branching possible		no	yes	no	yes
Inputs					
Number of		4		8	
Type		for 3-wire sensors, p-switching or for mechanical switches			
Input guide line		IEC 1131 part 2			
Sensor supply		≤ 200 mA from the AS-Interface bus, short-circuit and overload protected		≤ 400 mA from the AS-Interface bus, short-circuit + overload protected	
Short-circuit protection		electronic			
Status indicator		LED yellow per input			
Diagnostics					
LED green/LED red		coded to AS-Interface, specification 2.11 (Watchdog, 0-address, sensor supply, short-circuit and overload protected)			
General data					
Temperature range		0...55°C			
Dimension H x D x W		105 x 50 x 38 mm		154 x 50 x 38 mm	
Weight		approx. 100 g		approx. 160 g	
Dimension drawing					
		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm	
Accessories				Art.-No.	
Handbook German				55736	
Handbook English				55737	
Handbook French				55738	
M12 blind plug (4 pieces)				55468	
AS-Interface end cap for flat profile cable		(10 pieces) 5 pieces left, 5 pieces right		55746	
Notes					

Output via
M12 round plug connector

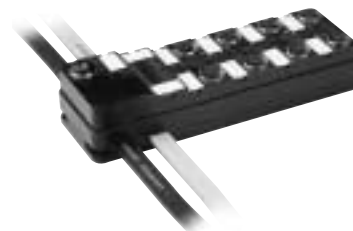
IP67 Protection

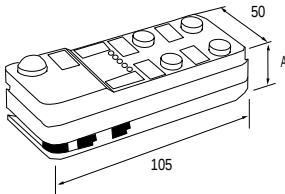
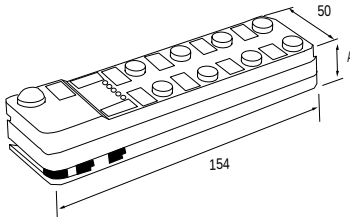


MVK12-ASI
DO4



MVK12-ASI
DO8



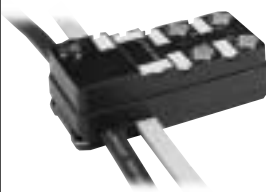
Ordering data		Art.-No.	Art.-No.	Art.-No.
4 digital outputs	screw mounting	55614	55615	
	DIN-rail mounting	5955614	5955615	
8 digital outputs	screw mounting			55616
	DIN-rail mounting			5955616
Technical data				
AS-Interface supply voltage		26,5...31,6 V		
AS-Interface current usage		≤ 35 mA		
Addressing		1...31 via address port, pre-adjusted to address 0		2 x 1...31 via address port, pre-adjusted to address 0
Outputs				
Number of		4		8
Supply voltage		external 24 V DC (18...30,2 V DC) to DIN 19240, connection via black AS-Interface flat profile cable		
Current per output		0,5 A, 100 % ED, short-circuit + overload protected	2 A, 100 % ED, short-circuit + overload protected	0,5 A, 100 % ED, short-circuit + overload protected
Combined current		2 A	4 A	4 A
Short-circuit protection		electronic		
Filament lamp load max.		2 W	10 W	2 W
Max. switching frequency		resistive load: 100 Hz; inductive load: 1 Hz		
Status indicator		LED yellow per output		
Diagnostics				
LED green / LED red		coded to AS-Interface, specification 2.11 (Watchdog, 0-address, sensor supply, short-circuit and overload protected)		
External supply voltage		LED green		
General data				
Temperature range		0...55°C		
Dimension H x D x W		105 x 50 x 38 mm		154 x 50 x 38 mm
Weight		approx. 100 g		approx. 160 g
Dimension drawing				
		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm
Accessories		Art.-No.		
Handbook German		55736		
Handbook English		55737		
Handbook French		55738		
M12 blind plug		55468		
AS-Interface end cap for flat profile cable		(10 pieces) 5 pieces left, 5 pieces right 55746		
Notes				

Input/output via
M12 round plug connector

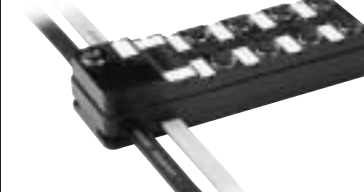
IP67 Protection

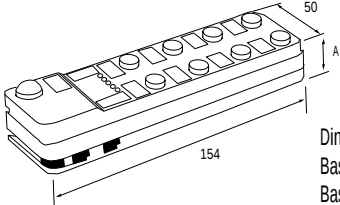
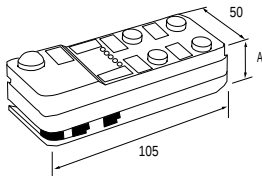


MVK12-ASI
DI 2 DO 2



MVK12-ASI
DI 4 DO 4



Ordering data		Art.-No.	Art. No.	Art.-No.	Art.-No.
4 digital inputs/outputs	screw mounting	55625	55618	55624	55619
	DIN-rail mounting	5955625	5955618	5955624	5955619
Technical data					
AS-Interface supply voltage		26,5...31,6 V			
AS-Interface current usage		≤ 250 mA			≤ 50 mA
Addressing		1...31 via address port, pre-adjusted to address 0			
Inputs					
Number of		2	4		
Type		for 3-wire sensors, p-switching or for mechanical switches			
Input guide line		IEC 1131 part 2			
Supply voltage		—			external 24 V DC (18...30,2 V DC)
Sensor supply		≤ 200 mA from the AS-Interface bus, short-circuit and overload protected			≤ 1,6 A via external power supply
Short-circuit protection		electronic, short-circuit and overload protected			
Status indicator		LED yellow per input			
Outputs					
Number of		2	4		
Supply voltage		external 24 V DC (18...30,2 V DC) to DIN 19240, connection via black AS-Interface flat profile cable			
Current per output		2 A, 100 %	0,5 A, 100 %	2 A, 100 %	
Combined current		4 A	2 A	4 A	
Short-circuit protection		electronic, short-circuit and overload protected			
Filament lamp load max.		10 W	2 W	10 W	
Max. switching frequency		resistive load: 100 Hz; inductive load: 1 Hz			
Status indicator		LED yellow per output			
Diagnostics					
LED green/LED red		coded to AS-Interface, specification 2.11 (Watchdog, 0-address, sensor supply, short-circuit and overload protected)			
External supply voltage		LED green			
General data					
Temperature range		0...55°C			
Dimension H x D x W		105 x 50 x 38 mm	154 x 50 x 38 mm		
Weight		approx. 100 g	approx. 160 g		
Dimension drawing					
		 Dimension A Base plate for screw mounting 38 mm Base plate for snap in mounting 44 mm			
Accessories		Art.-No.			
Handbook German		55736			
Handbook English		55737			
Handbook French		55738			
M12 blind plug		55468			
AS-Interface end cap for flat profile cable		(10 pieces) 5 pieces left, 5 pieces right			
Notes					