

MVK - Compact I/O modules

Bus modules MVK
Profibus-DP

Input/output module

Protection IP67



Approvals

MVK-P



MVK-P



MVK

Ordering data	Art.-No.	Art.-No.
8 DI + 8 x diagnostic/ DI	55326	¹⁾ 55380
4 DI 4 DO + 8 x diagnostic/ DI	55328	
8 DO + 8 x diagnostic/ DI	55327	
8 DI/DO + 8 x diagnostic/ DI	55389	¹⁾ 55381
8 DI/DO + 8 x diagnostic/ DI/DO	55329	¹⁾ 55383

Field bus		
Supply voltage	24 V DC (18...30.2 V), to EN61131-2	
Type	Profibus-DP Slave	
Transfer protocol	Profibus-DP to EN50170	
Operating modes	sync- and freeze-mode are supported	
Transfer rate	up to 12 MBit/s	

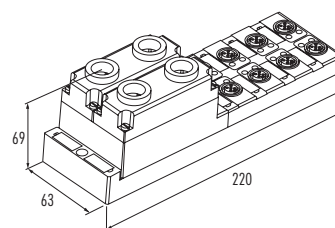
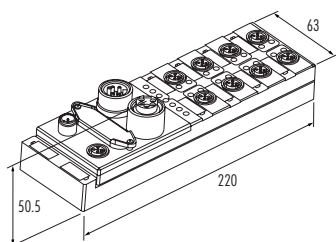
Inputs		
Type	for 3-wire sensors or mechanical switches, p-switching, IEC-1131-2 type 2 compatible	
Supply voltage	24 V DC (18...30.2 V), to EN61131-2, ≤ 200 mA per M12 port	
Status indicator	1 yellow LED per input	

Outputs		
Supply voltage	24 V DC (18...30.2 V), to EN61131-2, I-total ≤ 9 A	24 V DC (18...30.2 V), to EN61131-2, I-total ≤ 12.8 A
Switching current per output	1.6 A, short-circuit and overload protected	
Filament lamp load	10 W	
Max. switching frequency	resistive load: 50 Hz; inductive load: 20 Hz	
Status indicator	1 yellow LED per output	

Diagnostic		
Field bus	RUN-LED	
Under voltage	combined LED and alarm to the master	
Short-circuit sensor/actuator	red LED per channel to M12 port	
Diagnostic to DESINA® (PIN 2)	PIN-2 diagnostic with 1 red LED per M12 port and signal to master; individually parameterized as digital input see technical data	

General data		
Temperature range	0...+55 °C (storage temperature -20...+70 °C)	
Mounting method	2-hole screw mounting	
Dimensions	220 x 63 x 50.5 mm (drill plan 208.5 ± 0.5 mm)	220 x 63 x 69 mm (drill plan 208.5 ± 0.5 mm)

Dimension drawing



Notes		
	Contact layout from page 2.2.10. Further accessories from page 2.2.13. Connection cables can be found in chapter 1.4... ¹⁾ 2 shielded screw fixings supplied.	