

Contact layout for MVK-MP and MVK-P

Art.-No. 55307, 55308, 55309, 55326, 55327, 55328, 55329, 55389

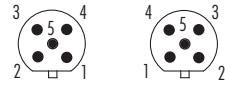
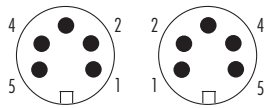


POWER IN
Male 7/8"

POWER OUT
Female 7/8"

BUS IN
Male M12

BUS OUT
Female M12



PIN 1: GND
PIN 2: GND
PIN 3: PE
PIN 4: 24 V supply voltage and sensor supply
PIN 5: actuator supply

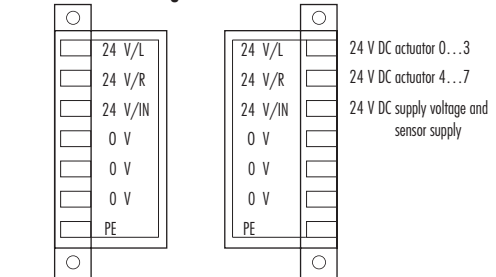
PIN 1: 5 V
PIN 2: A-wire (green)
PIN 3: 0 V
PIN 4: B-wire (red)
PIN 5: shield

Top view of module

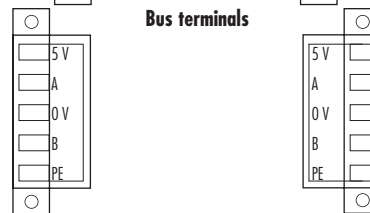
Connection: shield

Art.-No. 55380, 55381, 55383

Voltage terminals



Bus terminals



BUS IN

BUS OUT

Contact layout for MVK-MDN

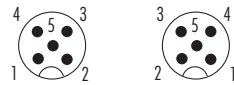
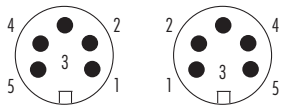


POWER IN
Male 7/8"

POWER OUT
Female 7/8"

BUS IN
Male M12

BUS OUT
Female M12



PIN 1: GND
PIN 2: GND
PIN 3: PE
PIN 4: 24 V supply voltage and sensor supply
PIN 5: actuator supply

PIN 1: shield
PIN 2: V+
PIN 3: V-
PIN 4: CAN_H
PIN 5: CAN_L

Top view of module

Connection: shield

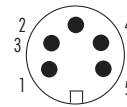
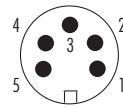
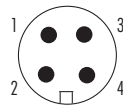
Contact layout for MVK-DN



POWER
Male 7/8"

BUS IN
Male 7/8"

BUS OUT
Female 7/8"



PIN 1: 24 V actuator 00...03 + sensor supply
PIN 2: PE
PIN 3: 24 V actuator 04...07
PIN 4: GND

PIN 1: shield
PIN 2: V+
PIN 3: V-
PIN 4: CAN_H
PIN 5: CAN_L

Top view of module

Contact layout for MVK-MI

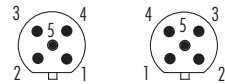
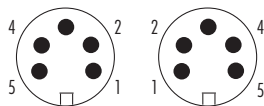


POWER IN
Male 7/8"

POWER OUT
Female 7/8"

BUS IN
Male M12

BUS OUT
Female M12



PIN 1: GND
PIN 2: GND
PIN 3: PE
PIN 4: 24 V supply voltage and sensor supply
PIN 5: actuator supply

PIN 1: DO
PIN 2: /DO
PIN 3: DI
PIN 4: /DI
PIN 5: GND

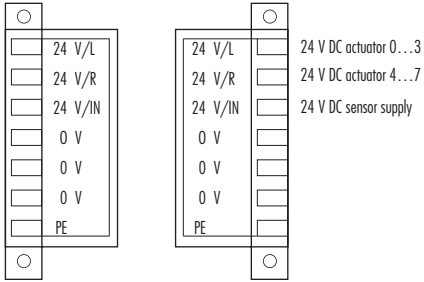
Top view of module

Connection: shield

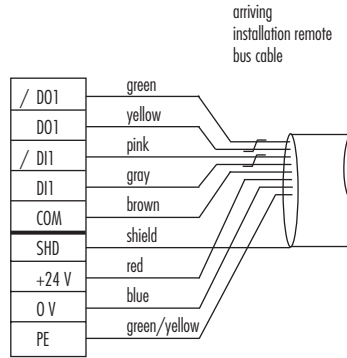
MVK-I for remote bus installer or user



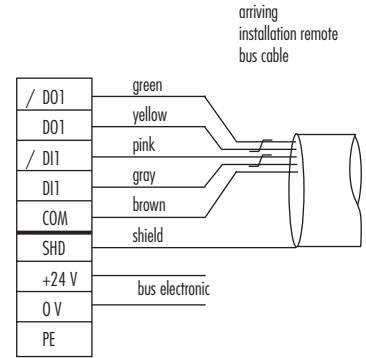
Voltage terminals



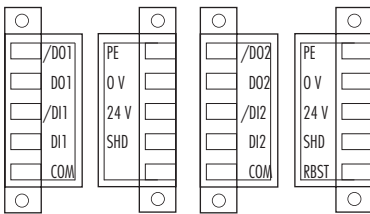
Connection as installation remote bus user



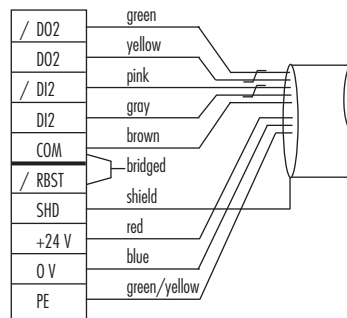
Connection as remote bus user



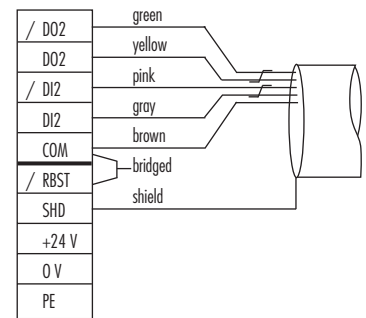
Bus terminals



passing installation remote bus cable



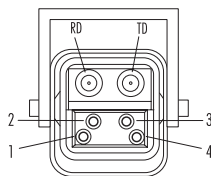
passing installation remote bus cable



Contact layout for MVK-DESINA® LWL ECOFAST® and MVK-DESINA® CU ECOFAST®



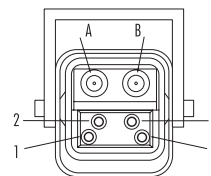
Male/female LWL



- TD: transmit data (LWL)
- RD: receive data (LWL)
- PIN 1: 24 V equal channels supply not switched (U_{N5})
- PIN 2: GND
- PIN 3: GND
- PIN 4: 24 V unequal channels supply switched (U_3)

Top view of module

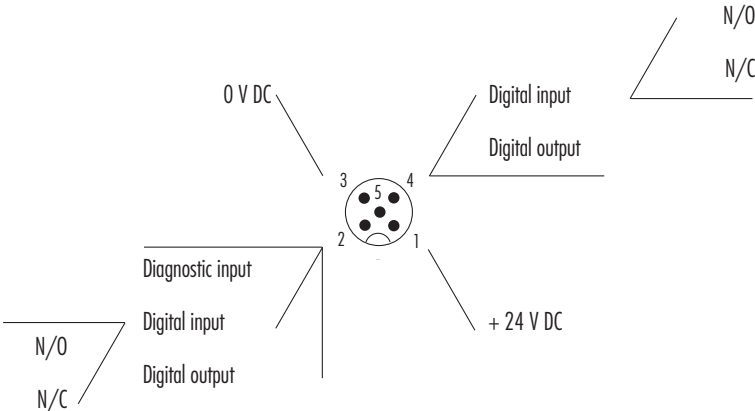
Male/female CU



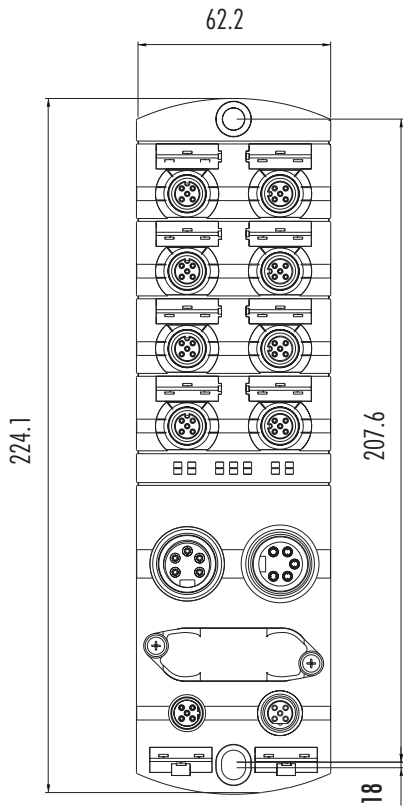
- Data A: bus cable
- Data B: bus cable
- PIN 1: 24 V equal channels supply not switched (U_{N5})
- PIN 2: GND
- PIN 3: GND
- PIN 4: 24 V unequal channels supply switched (U_3)

Top view of module

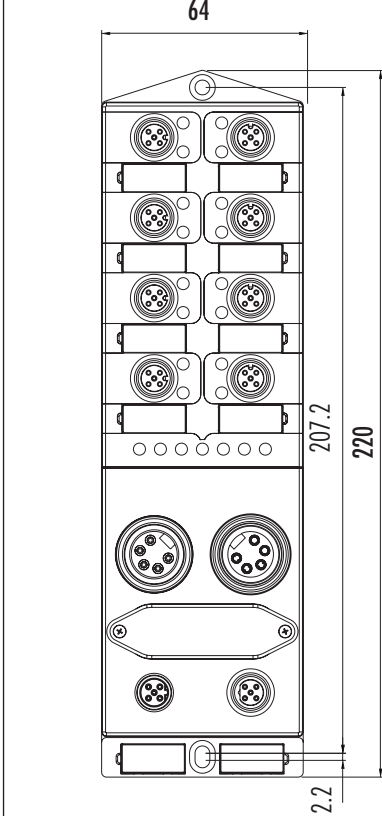
Possible parameterizations for multi functional I/Os



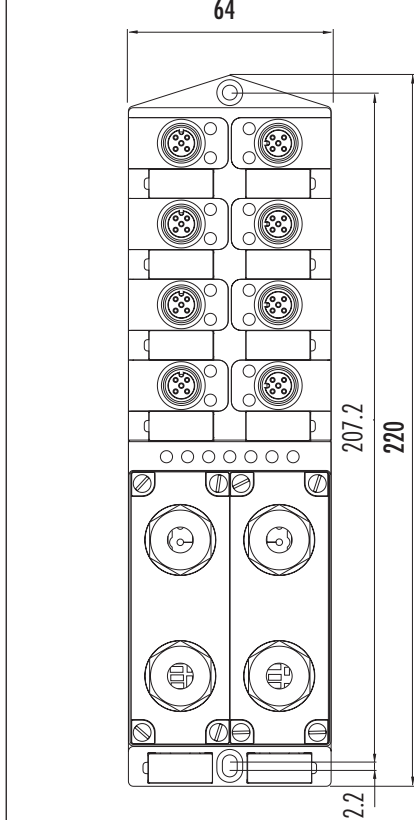
Drill plan for MVK metal housing







Drill plan for MVK plastic housing



Drill plan for MVK-I plastic housing



Installation technology	Art.-No.	
	DESINA® terminator	7000-33021-000000
	DESINA® addressing or coding plug	55379
Installation technology	Art.-No.	
	Blind cap hybrid field bus connector	Set (1 piece) 67584
	Blind plug 7/8"	55390
	Addressing lid metal	Set (1 piece) 55317
Other		
	MVK manuals available to download from www.murrelektronik.com	PROFIBUS DeviceNet Interbus
Notes	Further system accessories on request.	