

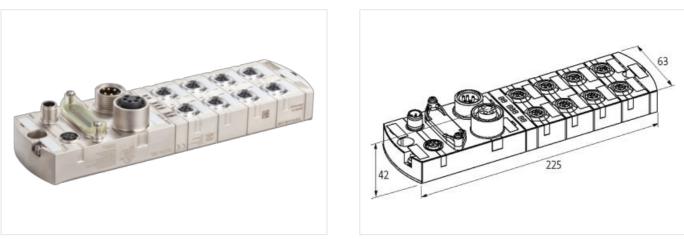
MVK I/O COMPACT MODULE, METAL

Profibus DP, 8 multif.channels / 8 dig. In / Diag

Digital inputs/outputs DIO8 DI8 PROFIBUS 12 Mbit/s; M12, B-coded 7/8", 5-pole, 2× max. 9 A M12, 5-pole, A-coded Connection cables are in the online shop under "Connection Technology". Housing fully potted.

Link to Product

Illustration



Product may differ from Image



Commercial data		
ECLASS-6.0	27242604	
ECLASS-6.1	27242604	
ECLASS-7.0	27242604	
ECLASS-8.0	27242604	
ECLASS-9.0	27242604	
ECLASS-10.1	27242604	
ECLASS-11.1	27242604	
ECLASS-12.0	27242604	
ETIM-5.0	EC001599	
customs tariff number	85389099	
GTIN	4048879051477	
Packaging unit	1	
Electrical data Supply		
Norm operating voltage	EN 61131-2	
Operating voltage US DC	24 V	
Operating voltage UA DC	24 V	
Total current UA max.	9 A	
Total current US max.	9 A	

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Electrical data | Input

Overfact resistantyesShort circuit prosidedyesStruct rull Spor input max.0.2 AExercited attal ComputVesOverfact attal contextyesOutput dat resistantyesOutput dat resistantyesOutput dat resistantyesOutput data resistantyesOutput data resistantyesOutput data resistantyesOutput data resistantyesAddrass range min.1Addrass range min.1Addrass range min.1Addrass range min.9Addrass range min.1Addrass range min.1Addrass range min.9Addrass range min.1DiagnosticNo voltage. Under voltageDiagnostic valuusper module and channelDiagnostic valuusper module and channelDiagnostic valuusyesEtheration data data resistant ratificCable breakper provide and channelDiagnostic valuusyesDevelop detecton [EterticalPer module and channelStruct rotit diagnoseyesEvaluation resistant ratificCable breakper provide resistant ratific <t< th=""><th></th><th></th></t<>		
Type input PNP. for 3-wire sensors or mechanical switches Sensor current US per input max. 0.2 A Electrical dial Gloupia		
Sensor current US per input max. 0.2 Å Electrical data Output Versional resistant Short circuit protoctad yes Short circuit protoctad yes Output current Jer pin max. 1.6 Å Lamp load 10 W Industrial communication Bus data Address range min. Address range max. 99 Address sering type Rotary switch Diagnostics Per channel via LED and BUS Diagnostics via BUS per module and channel Diagnostics via EDD per module and channel Diagnostics via EDD per module and channel Diagnostic via BUS per Device protection Electrical peer of module and channel Degree of protection Electrical peer of module and channel Degree of protection Electrical peer of module and channel Degreed protection Electrical peer of module and ch		
Electrical data Output Overlaad resistant yes Output current per pin max. 1.6 Å Lamp load 10 W Industrial communication Bus data Industrial communication Bus data Address trange min. 1 Address trange max. 99 Address trange max. 90 Diagnostic varing per channel via LED and BUS Diagnostic varing per channel via LED and BUS Diagnostic varing per module and channel Diagnostic varing per module and channel Diagnostic varing per port module and channel Outricad dargnosis yes Outricad dargnosis yes Outricad dargnosis yes Outricad dargnosis yes Degree of protection Electrical per port Outricad dargnosis yes Storte elegree of protection Electri		
Overload resistantyesShort-fircul protectedyesOutput currer prin max.1.6 ALamp load10 WIndustrial communication Bus dataAddress range min.1Address range max.99Address setting typeRotary switchDiagnosticsNo voltage. (Inder voltage)Diagnostic via BUSper rodule and channelDiagnostic via BUSper module and channelDebreakper portCable breakper portCable breakper portDevice protection (Ell Electrical)yesDevice protection [Electrical]per module and channelSutable for mounting type2-hole screw mountingHeight42 mmWidth63 mmDegree of protection (Ell Electrical)Vidth63 mmDegree for protection [Electrical]Operating temperature max.65 °GStorage temperature max.65 °GStorage temperature max.65 °GStorage temperature max.70 °GConnection type 147Connection type 3Bas IoALConnection type 4Power InConnection type 4Power InConnection type 4Power IoALConnection type 5Power IoAL <td></td> <td>0,2 A</td>		0,2 A
Short alrouit protected yes Oright current per pin max. 1.8 A Lamp load 10 W Industrial communication Bus data Address range min. 1 Address range max. 99 Address strange max. No voltage. Inder voltage Diagnostic val ED per module and channel Diagnostic val ED per pot Overload diagnosis yes Degree of protection Electrical Dogree of protection Electrical Degree of protection Electrical Dogree of protection Electrical Degree of protection Electrical Electrical Degree of protection Electrical Electrical Degree of protection Electrical Electrical Degree of protecti	Electrical data Output	
Output current per pin max. 1.8 Å Lamp load 10 W Industrial communication Bus data Address range min. 1 Address range max. 99 Address range max. 99 Address range max. 99 Address strainge max. 99 Address strainge max. 99 Address strainge max. 99 Address range max. 90 Diagnostic via BUS Per module and channel Diagnostic via BUS Per module and channel Diagnostic via BUS Per module and channel Diagnostic via BUS Per port Overload diagnosis yes Device potection [Electrical] Per port Overload diagnosis yes Device potection (EN IEC 60529) IP67 Michainel data Mouning data Straine Sutable for mouning type 2-hole screw mouning </td <td>Overload resistant</td> <td>yes</td>	Overload resistant	yes
Lamp load 10 W Industrial communication Bus data Address range min. 1 Address range max. 99 Address setting type Rotary switch Diagnostic Address setting type Address setting type Per channel via LED and BUS Diagnostic via BUS per channel via LED and channel Diagnostic via BUS per channel via LED and drannel Diagnostic via LED per module and channel Short circuit diagnosis yes LED display Ethernet connection/data traffic Cable break per port Overload diagnosis yes Degree of protection (Electrical Per common data and thannel Betherak per port Overload diagnosis yes Degree of protection (Electrical Per common data traffic Sultable for mounting data IP67 Mechanical data Mounting data Storage temperature min. Q25 'CC Storage temperature min. Operating temperature min. -25 'CC Operating temperature min. -25 'CC Connection type 1 4.7 Connection	Short-circuit protected	yes
Industrial communication Bus data Address range min. 1 Address range max. 99 Address string type Rotary switch Diagnostic Address string type Address string max. 99 Address string type Per channel via LED and BUS Diagnostic via BUS per module and channel Diagnostic via BUS per port Overdat diagnosis yes Degree of protection [Electrical per port Degree of protection [Sectrical per port Degreating temporature max 25 °C	Output current per pin max.	1,6 A
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Diagnostic via LED per module and channel Shot circuit diagnosis yes LED display Ethernet connection/data traffic Cable break per port Overload diagnosis yes Degree of protection Electrical	Diagnostic	No voltage, Under voltage
Short circuit diagnosis yes LED display Ethernet connection/data traffic Cable break per port Overload diagnosis yes Degree or protection Electrical	Diagnostic via BUS	per module and channel
LED displayEthernet connection/data trafficCable breakper portOverload diagnosisyesDevice protection ElectricalDegree of protection (EN IEC 60529)IP67Mechanical data Mounting dataSuitable for mounting type2-hole screw mountingHeight42 mmWidth63 mmDepth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature min25 °CStorage temperature max.55 °CStorage temperature max.70 °CConnection type 14-7Connection type 3Bus OutConnection type 4Power InConnection type 5Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Diagnostic via LED	per module and channel
Cable break per port Overload diagnosis yes Device protection Electrical Degree of protection (EN IEC 60529) IP67 Mechanical data Mounting data Suitable for mounting type 2-hole screw mounting Suitable for mounting type 2-hole screw mounting Height 42 mm Width 63 mm Depth 225 mm Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Storage temperature min. -25 °C Storage temperature min. -25 °C Storage temperature min. -25 °C Connection type 5 C Storage temperature min. -25 °C Connection type 1 4-7 Connection type 5 Connection type 5 Connection type 3 Bus In Connection type 4 Power In Connection type 5 Power In Connection type 5 Power In Connection type 5 Power In Connection type 5 Power In Connection type 5 Power In Connection type 5 Power In Connection type 5 Powere In Connection type 5 Powere In <td></td> <td>yes</td>		yes
Overload diagnosis yes Device protection Electrical Degree of protection (EN IEC 60529) IP67 Mechanical data Mounting data Suitable for mounting type 2-hole screw mounting Height 42 mm Width 63 mm Depth 225 mm Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 55 °C Storage temperature max. 70 °C Connection type 5 C Connection type 1 4-7 Connection type 3 Bus In Connection type 4 Power In Connection type 5 Power In Connection type 5 Power In Connection type 5 Power Out Family construction form M12 Gender female Color contact carrier black Color poles 5		Ethernet connection/data traffic
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Degree of protection (EN IEC 60529)IP67Mechanical data Mounting dataSuitable for mounting type2-hole screw mountingHeight42 mmWidth63 mmDepth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.55 °CStorage temperature max.70 °CConnection type 1Connection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Overload diagnosis	yes
Mechanical data Mounting dataSuitable for mounting type2-hole screw mountingHeight42 mmWidth63 mmDepth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature min25 °COperating temperature max.55 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Device protection Electrical	
Suitable for mounting type2-hole screw mountingHeight42 mmWidth63 mmDepth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.55 °CStorage temperature min25 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackColor go AANo. of poles5	Degree of protection (EN IEC 60529)	IP67
Height42 mmWidth63 mmDepth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.55 °CStorage temperature min25 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 3Bus InConnection type 4Power InConnection type 5Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Mechanical data Mounting data	
Width63 mmDepth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature min25 °CStorage temperature min25 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power CoutFamily construction formM12GenderfemaleColor contact carrierblackColor contact carrierblackNo. of poles5	Suitable for mounting type	2-hole screw mounting
Depth225 mmEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.55 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Height	42 mm
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 55 °C Storage temperature min. -25 °C Storage temperature max. 70 °C Connection type 5 Emperature Connection type 2 Bus In Connection type 3 Bus Out Connection type 4 Power In Connection type 5 Power Out Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5	Width	63 mm
Operating temperature min25 °COperating temperature max.55 °CStorage temperature min25 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Depth	225 mm
Operating temperature max.55 °CStorage temperature min25 °CStorage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Environmental characteristics Climatic	
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Storage temperature max.70 °CConnection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5		
Connection type 5Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Storage temperature min.	
Connection type 14-7Connection type 2Bus InConnection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Storage temperature max.	70 °C
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Connection type 3Bus OutConnection type 4Power InConnection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Connection type 1	4-7
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Connection type 5Power OutFamily construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5	Connection type 3	Bus Out
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5		
Gender female Color contact carrier black Coding A No. of poles 5		
Color contact carrier black Coding A No. of poles 5		
Coding A No. of poles 5		
No. of poles 5		
PIN 1 24 V DC (US)		
	PIN 1	24 V DC (US)
PIN 2 DI / Diag		
PIN 3 0 V (US)		
PIN 4 DI / DO		
PIN 5 PE	PIN 5	PE

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Family construction form	M12
Gender	male
Color contact carrier	black
Coding	В
No. of poles	5
PIN 1	n.c.
PIN 2	A GN
PIN 3	n.c.
PIN 4	B RD
PIN 5	n.c.
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	В
No. of poles	5
PIN 1	5 V 2
PIN 2	A GN
PIN 3	0 V 2
PIN 4	B RD
PIN 5	n.c.
Family construction form	7/8"
Gender	male
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)
Family construction form	7/8"
Gender	female
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)

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