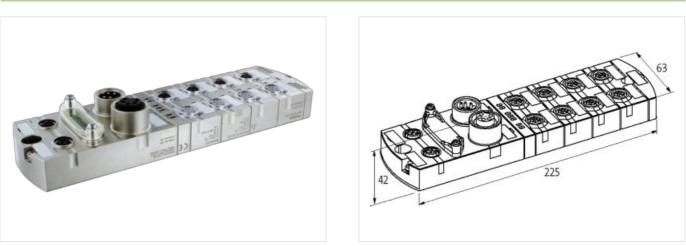


## MVK-MPNIO DIO12 IOL4 IRT 7/8" 5pin

Digital inputs/outputs DIO12 IOL4 (IRT) Ethernet 10/100 Mbit/s; M12, D-coded 7/8", 5-pole, 2× max. 9 A M12, 5-pole, A-coded IO-Link Master V1.1.2 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	EC001597	
customs tariff number	85389099	
GTIN	4048879527583	
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	
Electrical data   Input		

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-30

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Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches, IO-Link Devices
Sensor current US per input max.	0,2 A
Sensor current US per IO-Link port max.	1 A
Electrical data   Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 A
Lamp load	10 W
Industrial communication	
Supported protocol	PROFINET
Industrial communication   Profinet	
Number of active connections (IO controller)	
max.	2
FSU (Fast-Start-Up)	yes
Fast start up time max.	0,5 s
IRT (network communication)	yes
MRP client	yes
PROFINET Netload Class	III
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.3
Shared device/input	yes
Industrial communication   IO-Link	
Automatic baudrate detection	yes
IO-Link process data length output	32 Bytes
IO-Link process data length input	32 Bytes
IO-Link revision ID	V1.1.2
IO-Link type	4× Master
IO-Link transmission rate	COM1, COM2, COM3
Port Class	A, B
Diagnostics	
Actuator warning	per channel via LED and BUS
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
IO-Link events	No voltage, Undervoltage supply
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
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
Height	42 mm
Width	63 mm
Depth	225 mm
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	0° 00

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Storage temperature max.         70 °C           Connection type 5         V           Connection type 1         X0 X3           Connection type 2         X4 X7           Connection type 3         X01           Connection type 4         XD2           Connection type 5         KP2           Family construction form         M12           Gendar         Iemake           Coding         A           No. of poles         5           Family construction form         M12           Gordar         Iemake           Coding         A           No. of poles         5           PN 1         24 V DC           PN 3         D / DO           PN 4         D / DO           PN 5         PE           Family construction form         M12           Gendar         Iemale           Coding         A           No. of poles         5           Coding MA         A           No. of poles         5           PN 4         D / DO / D Link           PN 5         D / DO / D Link           PN 4         D / D / D / D Link           PN 5         D / V / D / D	Storage temperature min.	-25 °C
Connection type 1X0-X3Connection type 2X4-X7Connection type 3X01Connection type 4X02Connection type 5XF2Family construction formM12GenderfemaleColor contact carrierBackColor contact carrierBackRoll y Dels5PIN 124 V DCPIN 3D/ DOPIN 4D/ DOPIN 5PEFamily construction formM12Color contact carrierBackRoll y Dels5PIN 124 V DCPIN 4D/ DOPIN 5PEFamily construction formM12Color contact carriergrayColor contact carriergrayColor contact carriergrayColor contact carriergrayPIN 124 V DCPIN 4D/ DO // DC/LinkPIN 5OPIN 6D/ DO // DC/LinkPIN 7Di // DO // DC/LinkPIN 8OPIN 8DPIN 9SPIN 9SPIN 424 V DC (US)PIN 5SPIN 6SPIN 6SPIN 7PIC (UA)PIN 7PIC (UA)PIN 7S'Contro catcarrierBackNo. contact carrierBackNo. contact carrierBackPIN 6SPIN 7PIC (UA)PIN 7PIC (UA)PIN 7PIC (UA)	Storage temperature max.	70 °C
Connection type 2X4 X7Connection type 4XD2Connection type 5XF2Family construction type 6XF2GanderfemaleConnection type 5XF2Family construction formMf2GanderfemaleColor contact carlierblackCodingANo. of poles5FIN 124 V DCFIN 30 VFIN 4D/ DOFIN 30 VFIN 4D/ DOFIN 5PEFamily construction formM12GanderfemaleColor contact carliergrayColor contact carliergrayColor contact carliergrayColor contact carliergrayColor contact carliergrayColor contact carliergrayFIN 124 V DCFIN 30 VFIN 4D/ DO / I-L-LinkFIN 50 VFIN 4D/ DO / I-L-LinkFIN 50 V (UA)FIN 65FIN 70 V (UA)FIN 724 V DC (US)FIN 424 V DC (US)FIN 524 V DC (UA)Family construction form7/8'GendermaleColor contact carlierblackNo. of poles5FIN 10 V (UA)FIN 20 V (UA)FIN 424 V DC (US)FIN 524 V DC (UA)Finally construction form7/8'GenderfemaleFinal	Connection type 5	
Connection type 2X4-X7Connection type 3XD1Connection type 4XD2Connection type 5XF2Family construction formMt2GendertemaleColor contact carrierblack.CodingANo. of poles5PIN124 V DCPIN30 VPIN4DI / DOPIN5PEFamily construction formMt2GendertemaleColor contact carriergrayColor contact carriergrayPIN4DI / DOPIN5PEFamily construction formMt2GendertemaleColor contact carriergrayCodingANo. of poles5PIN124 V DCPIN30 VPIN30 VPIN4DI / DOPIN30 VPIN30 VPIN4DI / DO / IA-LinkPIN4DI / DO / IA-LinkPIN55PIN10 V (UA)PIN424 V DC (US)PIN3PEPIN424 V DC (US)PIN424 V DC (UA)PIN424 V DC (UA)PIN55PIN10 V (UA)PIN524 V DC (UA)PIN424 V DC (US) <td>Connection type 1</td> <td>X0-X3</td>	Connection type 1	X0-X3
Connection type 3         XD1           Connection type 4         XD2           Connection type 5         XF2           Family construction form         M12           Garder         Ismalla           Color contact carrier         Istack           Coding         A           No. of polis         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           PiN 1         24 V DC           PiN 2         DI / DO           PiN 3         O V           PiN 4         DI / DO / I-ALink           PiN 5         O V           Family construction form         7/8*		
Connection type 4         XD2           Connection type 5         XF2           Connection type 5         XF2           Family construction form         M12           Gender         female           Color contact carrier         black           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D/ / DO           PIN 3         0 V           PIN 4         D / / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Color contact carrier         gray           Color contact carrier         gray           Color         D / / DO           PIN 1         24 V DC           PIN 2         D / / DO           PIN 3         0 V           PIN 4         D / DO / D-Link           PIN 5         0 V           Family construction form         7/8*           Gender         male           Color contact carrier         black           No. of p		
Connection type 5XP2Family construction formM12GenderfemaleColor contract carrierblackCodingAN. of poles5PIN 124 V DCPIN 2D / DOPIN 3O VPIN 4D / DOPIN 5PEFamily construction formM12GenderfemaleColor contract carriergrayColor contract carriergrayColor contract carriergrayColor contract carriergrayColor contract carrierD / DOPIN 4D / DOPIN 5SPIN 724 V DCPIN 8O VPIN 9D / DOPIN 9D / DOPIN 124 V DCPIN 2D / DOPIN 3O VPIN 4D / DO / IO-LinkPIN 5O VFamily construction form7/8'GendermaleColor contract carrierblackNo. of poles5PIN 1O V (UA)PIN 424 V DC (UA)PIN 424 V DC (UA)PIN 424 V DC (UA)Family construction form7/8'GenderfemaleColor contract carrierblackNo. of poles5PIN 10 V (UA)PIN 424 V DC (UA)PIN 424 V DC (UA)PIN 50 V (UA)PIN 10 V (UA)PIN 10 V (UA)PIN 2 <td></td> <td></td>		
Family construction form         M12           Gender         female           Codir         female           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D / DO           PIN 3         0 V           PIN 4         D / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           OV         PIN 1           PIN 2         D / DO           PIN 3         QV           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D / DO           PIN 3         O V           Family construction form         7/8''           Gender         male           Color contact carrier         black           No. of poles         5           PIN 1         O V (UA)           PIN 2         O V (UA)           PIN 3         PE		
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Color contact carrierblackCodingANo. of poles5PIN 124 V DCPIN 2D / DOPIN 3O VPIN 4D / DOPIN 5PEFamily construction formM12GenderfemaleCodingANo. of poles5PIN 124 V DCPIN 4D / DOPIN 5PEColor contact carriergrayGondragANo. of poles5PIN 124 V DCPIN 2D / DOPIN 3O VPIN 4D / DO / DO / IDPIN 5O VFamily construction form7/8*GendermaleColor contact carrierblackNo. of poles5PIN 1O V (UA)PIN 3O VFamily construction form7/8*GendermaleColor contact carrierblackNo. of poles5PIN 1O V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (US)PIN 6SColor contact carrierblackNo. of poles5PIN 1O V (US)PIN 2O V (US)PIN 3PEPIN 424 V DC (US)PIN 1O V (US)PIN 2O V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (US)PIN 424 V DC (US)		
Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO           PIN 3         0 V           PIN 4         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 4         24 V DC (US)           PIN 3         PE           PIN 4         24 V DC (UA)	Color contact carrier	
No. of poles         5           PIN 1         24 V DC           PIN 2         D/ /DO           PIN 3         0 V           PIN 4         D/ /DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI /DO           PIN 3         O V           PIN 4         DI /DO /O Link           PIN 5         O V           Family construction form         7/8"           Gender         male           Color contact carrier         black           No. of poles         5           PIN 4         DI /DO /IO Link           PIN 5         O V           Family construction form         7/8"           Gender         male           Color contact carrier         black           No. of poles         5           PIN 1         O V (UA)           PIN 2         O V (US)           PIN 3         PE           PIN 4 <td>Coding</td> <td></td>	Coding	
PIN 1         24 V DC           PIN 2         D / DO           PIN 3         0 V           PIN 4         D / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D / DO           PIN 3         0 V           PIN 4         D / DO / OL-Link           PIN 5         0 V           Family construction form         7/8'           Gender         male           Color contact carrier         black           No. of poles         5           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3         PE           PIN 4         0 V (UA)           PIN 5         24 V DC (US)           PIN 4         24 V DC (UA)           Family construction form         7/8'           Gender         female           Color contact carrier         black           No. of poles         5 <td< td=""><td></td><td>5</td></td<>		5
PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 1         0 V (US)           PIN 2         0 V (US)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 5         24 V DC (UA)           Family construction form         7/8*           Gender         female           Color con		24 V DC
PIN 3         0 V           PIN 4         DI / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. or poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           Family construction form         7/8'           Gender         male           Color contact carrier         black           No. or poles         5           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 4         0 V (UA)           PIN 5         0 V (UA)           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3         PE           PIN 4         24 V DC (UA)           PIN 5         24 V DC (UA)           PIN 4         24 V DC (UA)           Family construction form         7/8'           Gender         female           Co		
PIN 4         D / DO           PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D / DO           PIN 3         0 V           PIN 4         D / DO / IO-Link           PIN 5         0 V           Family construction form         7/8"           Gender         male           Color contact carrier         black           No. of poles         5           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3         0 V           PIN 4         0 V (UA)           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3         PE           PIN 4         24 V DC (UA)           PIN 5         24 V DC (UA)           PIN 4         24 V DC (UA)           PIN 5         24 V DC (UA)           Gender         female           Color contact carrier         black           No.	PIN 3	0 V
PIN 5         PE           Family construction form         M12           Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D / DO           PIN 3         0 V           PIN 4         D / DO / IO-Link           PIN 5         0 V           Family construction form         78°           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 1         0 V (US)           PIN 2         0 V (US)           PIN 3         PE           PIN 4         24 V DC (UA)           Family construction form         7/8°           Gender         female           Color contact carrier         black           No. of poles         5           PIN 4         24 V DC (UA)           Family construction form         7/8° <td></td> <td></td>		
Family construction form         M12           Gender         female           Color contact earrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           Family construction form         7/8*           Gender         male           Color contact carrier         black           No. of poles         5           PIN 1         0 V (US)           PIN 2         0 V (US)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC           PIN 4         24 V DC (US)           PIN 5         24 V DC           PIN 6         5           PIN 7         7/8*           Gender         female           Color contact carrier         black           No. of poles         5           PIN 4         24 V DC (US)           PIN 5         24 V DC           O V (US)         PIN           PIN 1 <td></td> <td></td>		
Gender         female           Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 4         24 V DC (US)           PIN 5         5           Color contact carrier         black           No. of poles         5           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 6         5           PIN 7         0 V (UA)           PIN 8         5           PIN 9		
Color contact carrier         gray           Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         D / DO           PIN 3         0 V           PIN 4         D / DO / IO-Link           PIN 5         0 V           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 (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 5         24 V DC (US)           PIN 5         24 V DC (US)           PIN 6         5           PIN 7         0 V (UA)           PIN 8         5           PIN 9         24 V DC (US)           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3 <td>-</td> <td></td>	-	
Coding         A           No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           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 (UA)           PIN 3         PE		
No. of poles         5           PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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)           PIN 6         5           PIN 7         0 V (UA)           PIN 8         24 V DC (US)           PIN 9         24 V DC (UA)           PIN 9         24 V DC (UA)           PIN 9         24 V DC (UA)           Gender         female           Color contact carrier         black           No. of poles         5           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 3         PE           PIN 4		
PIN 1         24 V DC           PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 6         24 V DC (US)           PIN 7         5           PIN 8         5           PIN 9         0 V (UA)           PIN 1         0 V (UA)           PIN 2         0 V (UA)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 4         24 V DC (US)		
PIN 2         DI / DO           PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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         5           Gender         female           Color contact carrier         black           No. of poles         5           PIN 1         0 V (UA)           PIN 2         0 V (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           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 4         24 V DC (US)		
PIN 3         0 V           PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 4         24 V DC (US)           PIN 5         24 V DC (UA)           Family construction form         7/8"           Gender         female           Color contact carrier         black           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 (UA)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 5 <t< td=""><td></td><td></td></t<>		
PIN 4         DI / DO / IO-Link           PIN 5         0 V           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 4         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 (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (UA)           Mounting method         inserted, screwed		
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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 5         2 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 2         0 V (US)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC (UA)           Mounting method         inserted, screwed		
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 (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)           Mounting method         inserted, screwed		
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 (UA)           PIN 3         PE           PIN 4         24 V DC (UA)           Reserved         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)           Mounting method         inserted, screwed		
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 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (UA)		
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 (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (US)           PIN 4         24 V DC (US)           PIN 5         24 V DC (UA)           Mounting method         inserted, screwed		
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 (US)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC (UA)           Mounting method         inserted, screwed		
PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Family construction form7/8"GenderfemaleColor contact carrierblackNo. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
PIN 424 V DC (US)PIN 524 V DC (UA)Family construction form7/8"GenderfemaleColor contact carrierblackNo. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
PIN 524 V DC (UA)Family construction form7/8"GenderfemaleColor contact carrierblackNo. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
Family construction form7/8"GenderfemaleColor contact carrierblackNo. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
GenderfemaleColor contact carrierblackNo. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
Color contact carrierblackNo. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
No. of poles5PIN 10 V (UA)PIN 20 V (US)PIN 3PEPIN 424 V DC (US)PIN 524 V DC (UA)Mounting methodinserted, screwed		
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)           Mounting method         inserted, screwed		
PIN 2         0 V (US)           PIN 3         PE           PIN 4         24 V DC (US)           PIN 5         24 V DC (UA)           Mounting method         inserted, screwed		
PIN 3     PE       PIN 4     24 V DC (US)       PIN 5     24 V DC (UA)       Mounting method     inserted, screwed		
PIN 4     24 V DC (US)       PIN 5     24 V DC (UA)       Mounting method     inserted, screwed		
PIN 5     24 V DC (UA)       Mounting method     inserted, screwed		
Mounting method inserted, screwed		
	Tightening torque	0,6 Nm
Family construction form     M12		
Gender female		
Color contact carrier black		
Coding D		
No. of poles 4	No. of poles	4

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-30

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PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -

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