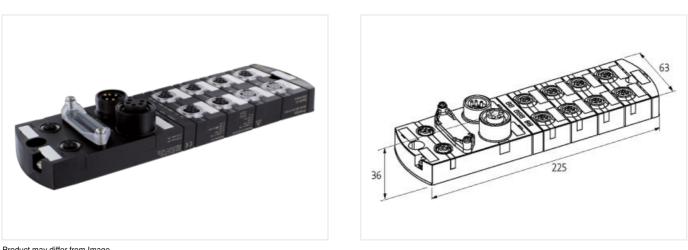


Impact67 PN DIO14 IOL2 IRT 7/8" 5pin

Digital inputs/outputs DIO14 IOL2 (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. mounting compatible with I/O modules of the MVK series

Link to Product





Product may differ from Image



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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	4048879585460	
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	

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: 2024-05-02

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Electrical data | Input

Type Input PNP. for 3 wire sensors or mechanical switches, IO-Link Devices Smoor cornet US per IO-Link port max. 1 A Electrical data I Dutput Vasiana cornet US per IO-Link port max. Smoor cornet US per IO-Link port max. 1 A Electrical data I Dutput Vasiana cornet US per IO-Link port max. Smoor cornet US per IO-Link port max. 1 A Electrical data I Dutput Vasiana Cornet US per IO-Link port max. Smoor cornet US per IO-Link port max. 1 A Singotod portool POR INET Industrial communication I Portiont Vasiana Cornet Portoon Number of active connections (IO controller) 2 Rat. Start Up Ime max. 0.5 a Rat. Start Up Ime max. 0.5 a PIC FINET Sectification Vasiana PROFINET Gentification Vasiana PROFINET Sectification Vasiana PROFINET Sectification Vasiana Sectification Vasiana PROFINET Sectification Vasiana PROFINET Sectification Vasiana PROFINET Sectification Vasiana Industrial communication IO-Link	Electrical data Input		
Type typi PMP. for 3-wire sensors or mechanical switches, ID-Link Devices Sensor current US per CL-ink port max. 0.2 A Sensor current US per CL-ink port max. 1.A Electrical data [Output Output Overhad residued yes Short-circul protected yes Output current per part max. 1.6 A Lamp bad 10 W Industrial communication PROFINET Totactific communication (Controller) no. PROFINET Totactific communication (Controller) no. gene Fast start Up) yes FORT Teteload Class II PROFINET addressing DCP PROFINET contromance datas C Contromance datas C Divers process data length input 32 Bytes Divers process data length input 32 Bytes Divers process data length input 32 Bytes Divers procestadta length input 32 Bytes	Overload resistant	yes	
Senser current US per Ipsit max. 0.2 Å Samoor current US per ID Link port max. 1 Å Electrical data J Odapid Person Cological Overload resistant yes Outpic durrent per per nax. 1.5 Å Lamp load 10 W Industrial communication PROFINET Industrial communication Portionet Number of advise connections (IC controller) PSU (Fast Start Up) yes Market and start up frame max. 0.5 s FIT (market communication) yes POPORT Conformance datas C PPORTET advisesming DDP PPORTET advisesming DDP PPORTET conformate datas C PROFINET advisesming DDP PPORTET advisesming DDP PPORTET advisesming DDP PPORTET advisesming DDP PORTET advisesming DP DDPORTET advisesming DP DOLink promotal data tadvisite flopticature	Short-circuit protected	yes	
Sensor current US per 10-Link port max. 1 A Electrical data Output Overload resistant yes Orderida resistant yes Overload resistant Overload resistant Sons circul protected yes Overload resistant Overload resistant Supported protocol PROFINET Industrial communication Profinet Number of aclive connections (10 controllor) max. 2 PROFINET Statistant Up) yes Yes PROFINET conformance datas III PROFINET PROFINET conformance datas III PROFINET conformance datas PROFINET conformance datas C PROFINET conformance datas Rotardia data fight no upput yes Industrial communication PULINK Atomatic bactural devicetion yes C PROFINET aclive data length no upput yes Industrial communication PULINK Yes Yes Yes Yes Industrial communication PULINK Yes Yes Yes Yes Industrial communication PULINK Yes	Type input	PNP, for 3-wire sensors or mechanical switches, IO-Link Devices	
Electrical data Output yes Overload resistant yes Short-circuit protested yes Output current per primax. 1.6 A Lamp load 10 W Industrial communication PROFINET Industrial communication Profinet PROFINET Industrial communication Profinet Profine Number of active connections (10 controllog) yes Profinet reading 2 Fast start up time max. 0.5 s Fast start up time max. 0.5 s PROFINET reading DeP PROFINET reading DeP PROFINET reading Yes Industrial communication (10 current) yes Industrial communication (10 c	Sensor current US per input max.	0,2 A	
Overlad resistant yes Sthort circuit prototed yes Compart curret proje max. 1.6 A Lamp lasd 10 W Industrial communication PROFINET Industrial communication (Porfinet) PROFINET Supported protoco 9 PSU (FascStart-Up) yes Fast start up the max. 0.5 s IFF (retwork communication) yes PROFINET addeesen 0 PROFINET addeesen 9 OLink proces data length nept. 92 System OLink proces data length nept. 92 Master OLink oproces data leng	Sensor current US per IO-Link port max.	1 A	
Short-circuit protected yes Output current pur pin max. 1.6 A Lamp bad 10 W Industrial communication POFINET Industrial communication (Portinet) POFINET Industrial communication (Portinet) 2 FBU [Fast-Start-Up) yes Industrial communication [Start [Start-Up] yes Industrial communication [Start [St	Electrical data Output		
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Lamp load 10 W Industrial communication FROFINET Supported prolocol PROFINET Industrial communication [Profine] 2 FSU (Fast-Start-Up) yes PROFINET addressing DCP PROFINET addressing V2.3 Shared device/input yes Industrial communication IO-Link V2.3 Automatio baudrate detection yes IO Link pope 2.4 Master IO Link kype 2.4 Master IO Link kype 2.4 Master IO Link kype 2.4 Master <td>Short-circuit protected</td> <td>yes</td>	Short-circuit protected	yes	
Industrial communication PROFINET Industrial communication Profinet 2 Structured consentions (IC controller) max. 2 Structured consentions (IC controller) max. 2 Fast start up time max. 0.5 s Fast start up time max. 0.5 s FRIT (reduced consentions (IC controller) yes PROFINET Reduced Consentions III PROFINET Reduced Consentions UP PROFINET structure consentions (IC controller) yes PROFINET structure consentions (IC controller) yes PROFINET structure consentions (IC controller) yes Automatic backrad detection yes Automatic backrad detection yes IO-Link process data length output 32 Bytes IO-Link process data length output 32 Bytes IO-Link transmission ratio COM1, COM2, COM3 Part Class B Dagnostic varintig per channel via LED and BUS Diaposts to varintig per notule and channel Diaposts to varintig per notule and channel Diaposts to varintig per port	Output current per pin max.	1,6 A	
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Industrial communication Profinet Number of active connections (IC controller) as: 2 FSU (Fast-Start-Up) yes FSU (Fast-Start-Up) yes Fast start up time max. 0.5 s IF (nebrok Communication) yes PROFINET Netload Class III PROFINET addressing DCP PROFINET addressing DCP PROFINET addressing DCP PROFINET addressing DCP PROFINET addressing V2.3 Shard dov/on/iput yes Industrial communication OLIM V2.3 Automatic baudrale detection yes IO-Link process data length output 32 Bytes IO-Link process data length output 32 Bytes IO-Link process data length output 32 Bytes IO-Link type 2x Master IO-Link type 2x Master IO-Link type 2x Master IO-Link type per donal data dannel ID-Link type per donal data nell ID-Link type per potule and channel ID-Link type <t< td=""><td>Industrial communication</td><td></td></t<>	Industrial communication		
Number of active connections (IO controller) 2 max. 0.5 s Fast start up time max. 0.5 s IRT (retwork communication) yes PROFINET Netload Class III PROFINET Netload Class III PROFINET Netload Class III PROFINET Support addressing DCP PROFINET addressing DCP PROFINET support addressing C Attention bandres detection V2.3 Shared device/input yes Industrial communication IO-Link V2.3 Attention bandres detection yes IO-Link process data length noutput 32 Bytes IO-Link process data length noutput 32 Bytes IO-Link transmission rata COM1, COM2, COM3 Port Class B Diagnostic via EUD per deamele da channel Diagnostic via EUD per dodule and channel Diagnostic via ED per dodule and channel Diagnostic via EUD per dodule and channel Diagnostic via ED per dodule and channel Diagnostic via ED p	Supported protocol	PROFINET	
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Fast start up time max. 0,5 s IAT (network communication) yes IPT (network communication) yes PROFINET Notical Class III PROFINET solution Class O PROFINET solution Class O PROFINET solution Class O Industrial communication I/O-Link V2.3 Automatic baudrate detection yes Industrial communication I/O-Link V2.3 Automatic baudrate detection yes IO-Link process data length output 32 Bytes IO-Link type 2-Master IO-Link varning per channel via LED and BUS Diagnostic via BUS per module and channel Diagnostic via BUS per module and channel Diagnostic via BUS per port Device protection Electrical per port Device protection Electrical per port Device protection Electrical per port Bugen of ing type 2-hole screw mounting Height 39 mm Width 63 mm Depth 25 ml Environmental characteristic	Number of active connections (IO controller) max.	2	
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PROFINET Netload Class III PROFINET addressing DCP PROFINET addressing DCP PROFINET gedification V2.3 Shared device/input yes Industrial communication IO-Link V2.3 Automatic baudrate detection yes IOL/Link process data length output 32 Bytes IO-Link process data length output 32 Bytes IO-Link process data length output 32 Bytes IO-Link type 2* Master IO-Link process data length output 32 Bytes IO-Link type 2* Master IO-Link type 9* or connel via LED and BUS Diagnostic via LED per module and channel ID-Link twents No voltage, Undervoltage supply LED display Ehernet connection/data tra	Fast start up time max.	0,5 s	
PROFINET addressing DCP PROFINET conformance class C PROFINET specification V2.3 Shardd dividuinfuput yes Industrial communication IO-Link V2.3 Automatic baudrate detection yes Io-Link process data length output 32 Bytes IO-Link process data length output 32 Bytes IO-Link type 2× Master IO-Link transmission rate COM1, COM2, COM3 Port Class B Diagnostics B Actuator warning per channel via LED and BUS Diagnostic via LED per module and channel Diagnostic via LED per module and channel Diagnostic via LED per prot Deve protection [Electrical per port Degree of protection [Electrical per port Degree of protection [Electrical Per S Suitable for mounting type 2-hole serve mounting Height 39 mm Width 63 mm Daph 25 °C Operating temperature min. -25 °C	IRT (network communication)	yes	
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Shared device/input yes Industrial communication IO-Link Automatic baudrate detection yes IO-Link process data length output 32 Bytes IO-Link type 2× Master IO-Link type 2× Master IO-Link transmission rate COM1, COM2, COM3 Port Class B Diagnostic B Actuator warning per channel via LED and BUS Diagnostic via BUS per module and channel Diagnostic via BUS per module and channel Diagnostic via LED per module and channel IO-Link vents No voltage, Undervoltage supply LED display Ethernet connection/data traffic Cable break per port Degree of protection Electrical Per Connection/data traffic Suitable for mounting type 2-hole screw mounting Height 39 mm Width 63 mm Depth 225 mm Environmental characteristics Climatic Connection termine -25 °C Storage temperature min. -25 °C Storage temperature max. 70 °C Connection type 5 -25 °C	PROFINET conformance class	С	
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IO-Link process data length output 32 Bytes IO-Link process data length input 32 Bytes IO-Link type 2× Master IO-Link type 2× Master IO-Link transmission rate COM1, COM2, COM3 Port Class B Diagnostics B 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 LED display Ethernet connection/data traffic Cable break per port Degree of protection Electrical IP67 Mechanical data Mounting data Suitable for mounting type Suitable for mounting type 2-hole screw mounting Height 39 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 max. 55 °C Storage temperature max. 70 °C	Industrial communication IO-Link		
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Storage temperature max. 70 °C Connection type 5 70 °C	Storage temperature min.	-25 °C	
	Storage temperature max.	70 °C	
	Connection type 5		

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: 2024-05-02

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Contraction type 2 X5 X7 Connection type 3 XD1 Connection type 4 XD2 Connection type 5 XF1 XF2 Family construction form M12 Generation type 5 XF1 XF2 Family construction form M12 Generation type 5 XF1 XF2 Family construction form M12 Generation type 5 S No. or poles S So for poles S PIN 4 D1 / DO PIN 5 FE Family construction form M12 Gender female Colutat cariner black Coolang A No. of poles S S S Finity Construction form M12 Generation form M2 Generation form M2 Generation form M2 Generation form M2 Generation form S Finity Construction form S Finity Construction form <td< th=""><th>Connection type 1</th><th>X0-X4, X6</th></td<>	Connection type 1	X0-X4, X6
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