

LKHA-1616N-QC

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link IP20 hubs-32 digital I/O modules
DESCRIPTION	16DI / 16DO, NPN, interface 4 Pin M12

ELECTRICAL CONNECTION

IO-LINK	1 × M12 A-CODE 4 Pin, Male	INPUT / OUTPUT	4 × 10 position I/O terminal blocks, push-in spring connection, pluggable
POWER SUPPLY	IO-Link interface + Power supply terminals (Us + Ua)		

ELECTRICAL PARAMETERS

INPUT CHANNELS	16	OUTPUT	16
INPUT SUPPLY CURRENT	Max. 200 mA per channel, sum 1.6 A	OUTPUT CURRENT	Max 500 mA per channel, sum 6 A
INPUT DELAY	0.8 ms, 1.6 ms, 3.2 ms or 20 ms, parameterizable configuration	OUTPUT TYPE	Lamps, solenoidvalve, etc.
		OUTPUT FREQUENCY	Resistive load 100 Hz, Inductive load 5 Hz
MODULE COMMUNICATION INDICATOR	Green LED	PROCESS DATA IN	2 bytes
POWER SUPPLY INDICATOR	Green LED	PROCESS DATA OUT	2 bytes
SIGNAL STATUS INDICATOR	Green LED		

DIAGNOSTICS

COMMUNICATION STATUS	LED indication, communication message	SHORT-CIRCUIT	LED indication
VOLTAGE DETECTION	LED indication	OVERLOAD	LED indication

FUNCTIONAL SAFETY

MTTF (40 °C)	91a
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GENERAL DATA

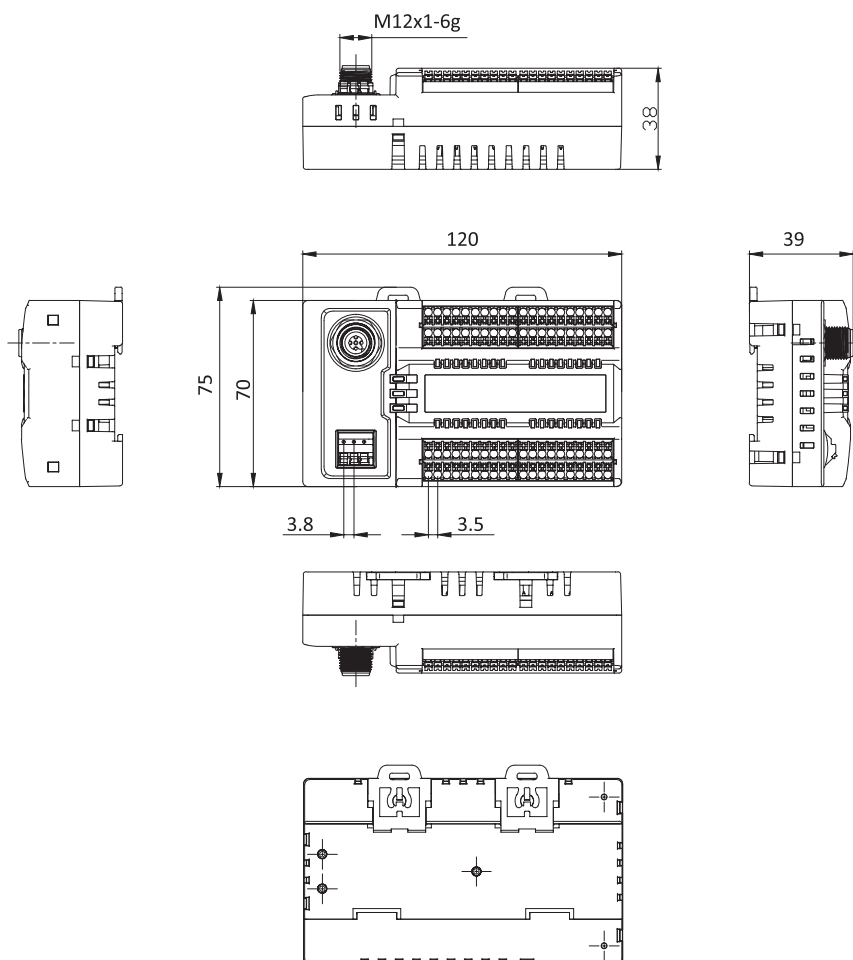
PROTECTION CLASS	IP20	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	120 × 70 × 39 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	204.95 g		

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APPROVALS

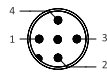


DIMENSIONS

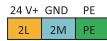


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TERMINAL DEFINITION



- 1 - 1L 24 V+ (BN)
- 2 - nc
- 3 - 1M GND (BU)
- 4 - C/Q (BK)



1L	i1	i2	i3	i4	i5	i6	i7	i8	1M	1L	i9	i10	i11	i12	i13	i14	i15	i16	1M
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



24 V+	GND	PE																		
2L	2M	PE																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M	

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