

LKHA-0032N-QA

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link IP20 hubs-32 digital I/O modules
DESCRIPTION	32DO, 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 + 4 × 10 position Aux-plugs (24 V and 0 V) terminal blocks, Push-in spring connection, Pluggable
POWER SUPPLY	IO-Link interface + Power supply terminals (Us + Ua)		

ELECTRICAL PARAMETERS

INPUT CHANNELS	-	OUTPUT	32
INPUT SUPPLY CURRENT	-	OUTPUT CURRENT	Max. 500 mA per channel, sum 6 A
INPUT DELAY	-	OUTPUT TYPE	Lamps, solenoidvalve, etc.
MODULE COMMUNICATION INDICATOR	Green LED	OUTPUT FREQUENCY	Resistive load 100 Hz, Inductive load 5 Hz
POWER SUPPLY INDICATOR	Green LED	PROCESS DATA IN	0 bytes
SIGNAL STATUS INDICATOR	Green LED	PROCESS DATA OUT	4 bytes

DIAGNOSTICS

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

FUNCTIONAL SAFETY

MTTF (40 °C)	82a
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GENERAL DATA

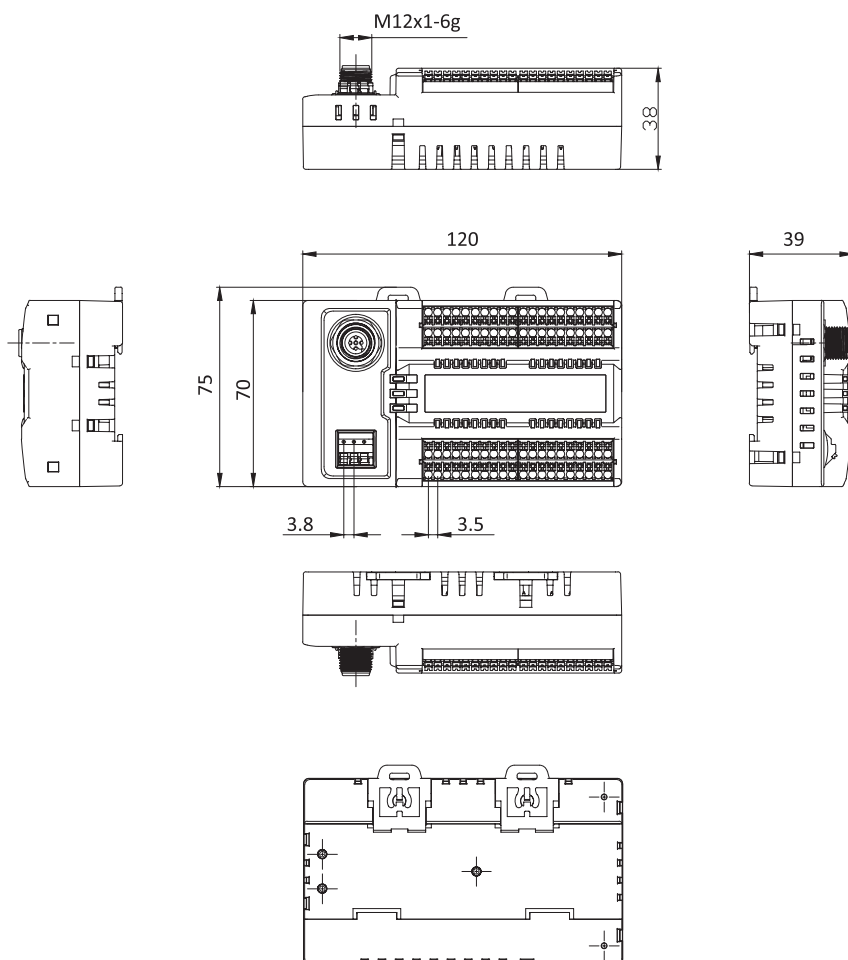
PROTECTION CLASS	IP20	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	120 × 70 × 39 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	204.95 g		

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APPROVALS

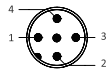


DIMENSIONS

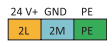


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TERMINAL DEFINITION

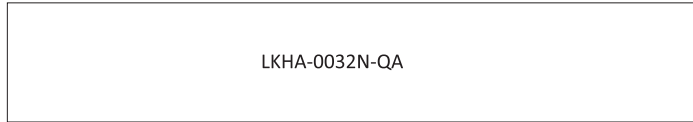


- 1 - 1L 24 V+ (BN)
- 2 - nc
- 3 - 1M GND (BU)
- 4 - C/Q (BK)



2L	2L	2L	2L	2L	2L	2L	2L	2L	2L	2L
2L	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	2M	
1	2	3	4	5	6	7	8	9	10	

2L	2L	2L	2L	2L	2L	2L	2L	2L	2L	2L
2L	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	2M	
11	12	13	14	15	16	17	18	19	20	



1	2	3	4	5	6	7	8	9	10										
2L	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	2M										
2M	2M	2M	2M	2M	2M	2M	2M	2M	2M										

11	12	13	14	15	16	17	18	19	20										
2L	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	2M										
2M	2M	2M	2M	2M	2M	2M	2M	2M	2M										

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