

LKHA-3200N-QA

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link IP20 hubs-32 digital I/O modules
DESCRIPTION	32DI, 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	32	OUTPUT	-
INPUT SUPPLY CURRENT	Max. 200 mA per channel, sum 1.6 A (without Ua) / 6 A (with Ua)	OUTPUT CURRENT	-
INPUT DELAY	0.8 ms, 1.6 ms, 3.2 ms or 20 ms, parameterizable configuration	OUTPUT TYPE	-
MODULE COMMUNICATION INDICATOR	Green LED	OUTPUT FREQUENCY	-
POWER SUPPLY INDICATOR	Green LED	PROCESS DATA IN	4 bytes
SIGNAL STATUS INDICATOR	Green LED	PROCESS DATA OUT	0 bytes

DIAGNOSTICS

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

FUNCTIONAL SAFETY

MTTF (40 °C)	98a
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GENERAL DATA

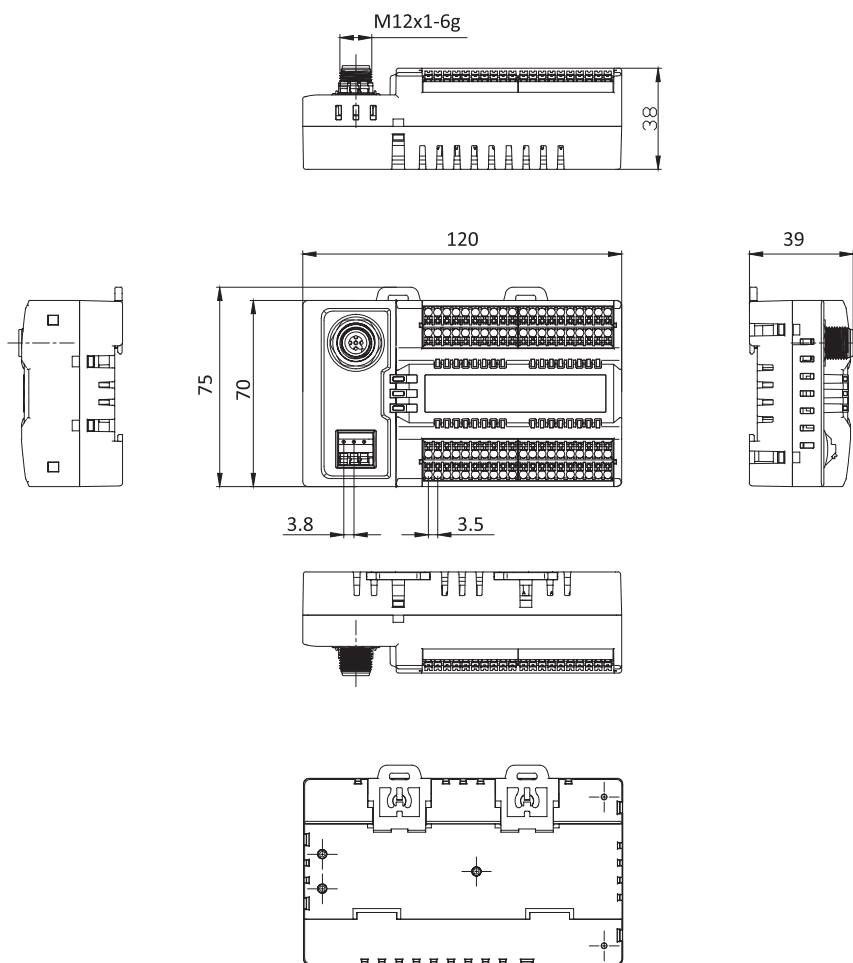
PROTECTION CLASS	IP20	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	120 × 70 × 39 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	204.95 g		

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APPROVALS

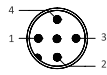


DIMENSIONS



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TERMINAL DEFINITION



- 1 - 1L 24 V+ (BN)
- 2 - 0V
- 3 - 1M GND (BU)
- 4 - C/Q (BK)



- 24 V+ GND PE

1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
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



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1L	i17	i18	i19	i20	i21	i22	i23	i24	1M	1L	i25	i26	i27	i28	i29	i30	i31	i32	1M
1L	1L	1L	1L	1L	1M	1M	1M	1M	1M	1L	1L	1L	1L	1L	1M	1M	1M	1M	1M
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

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