

LKHA-1616N-TS

ARTICLE PROPERTIES

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

ELECTRICAL CONNECTION

IO-LINK	1×4 Pos terminals	INPUT / OUTPUT	4 × 8position I/O terminal blocks + 8×8 position Aux-plugs (24 V and 0 V) terminal blocks, push-in spring connection, pluggable
POWER SUPPLY	IO-Link interface + power supply terminals		

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)	98a
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GENERAL DATA

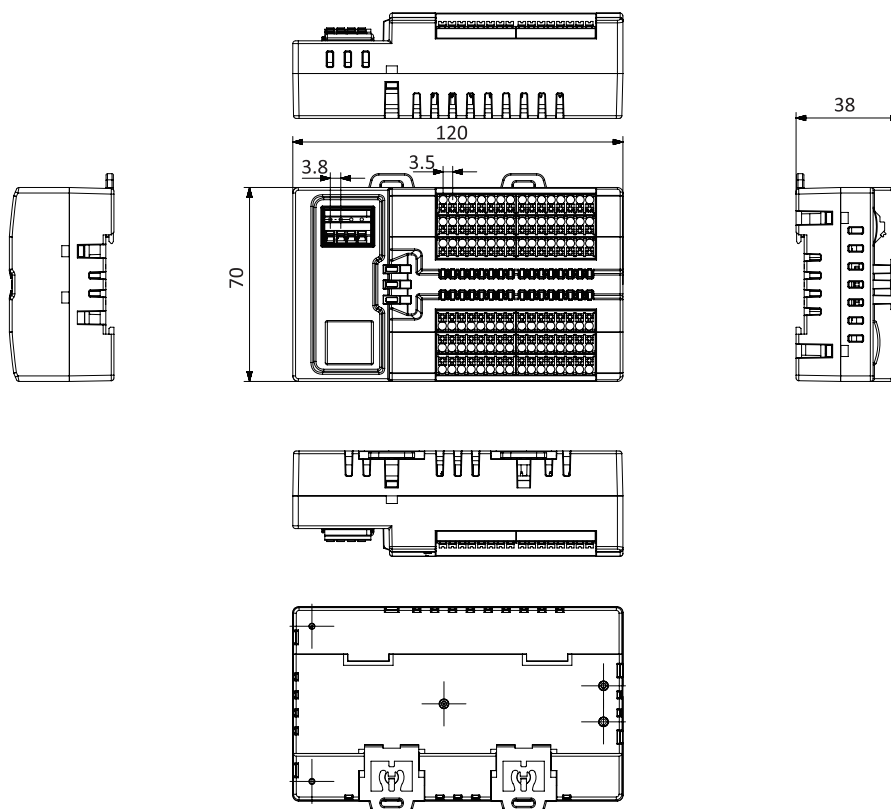
PROTECTION CLASS	IP20	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	120 × 70 × 41.5 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	204.95 g		

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APPROVALS



DIMENSIONS



TERMINAL DEFINITION

1	2	3	4	0V													0V																
				24V													24V																
				I/O	i1	i2	i3	i4	i5	i6	i7	i8	i9	i10	i11	i12	i13	i14	i15	i16													
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16													
					LKHA-1616P(N)-TS																												
					17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32													
				I/O	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16													
				24V																													
				0V																													

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

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SALES AND SERVICE

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