

LKHA-1616P-TS

ARTICLE PROPERTIES

PRODUCT TYPE	IO-Link IP20 hubs-32 digital I/O modules
DESCRIPTION	16DI/16DO, PNP, 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)
POWER SUPPLY	IO-Link interface + power supply terminals		terminal blocks, push-in spring connection, pluggable

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.
MODULE COMMUNICATION INDICATOR	Green LED	OUTPUT FREQUENCY	Resistive load 100 Hz, Inductive load 5 Hz
POWER SUPPLY INDICATOR	Green LED	PROCESS DATA IN	2 bytes
SIGNAL STATUS INDICATOR	Green LED	PROCESS DATA OUT	2 bytes

DIAGNOSTICS

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

FUNCTIONAL SAFETY

MTTF (40 °C)	110a
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GENERAL DATA

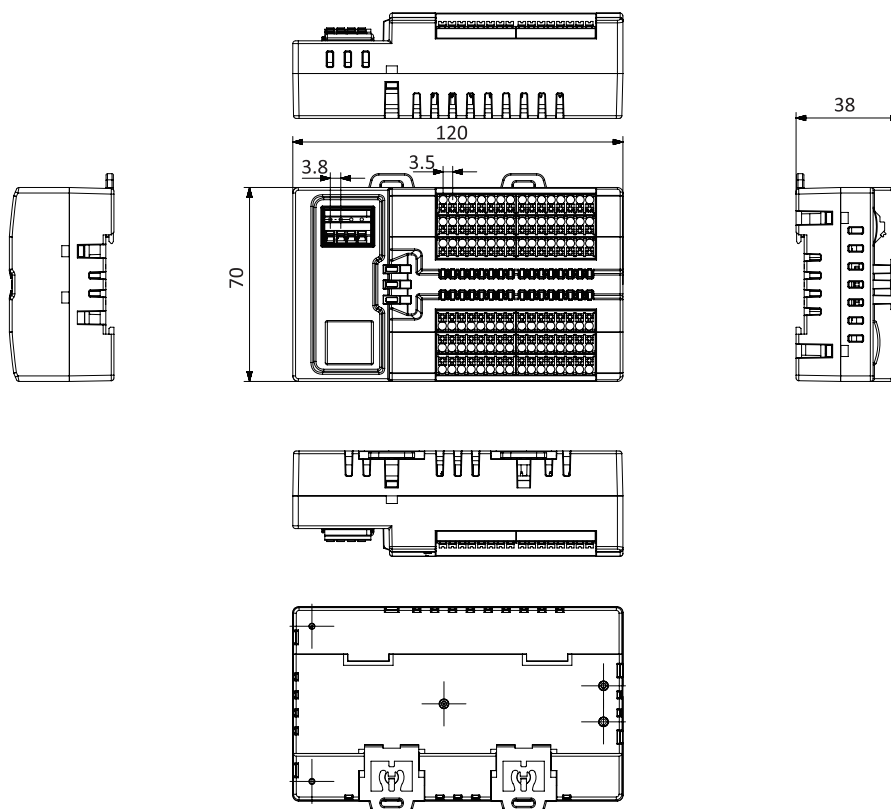
PROTECTION CLASS	IP20	OPERATING TEMPERATURE	-25 ... +70 °C
DIMENSIONS	120 × 70 × 41.5 mm	STORAGE TEMPERATURE	-40 ... +85 °C
WEIGHT	204.95 g		

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APPROVALS



DIMENSIONS



TERMINAL DEFINITION

1	2	3	4	0V																	
				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	
1 - 1L 24V+ (BN)	2 - nc	3 - 1M GND (BU)	4 - C/Q (BK)	LKHA-1616P(N)-TS																	
					17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
24V+ GND PE	I/O	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16				
2L 2M PE	24V																				
	0V																				

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SALES AND SERVICE

Tianjin Elco Automation Co., Ltd

No. 12, 4th XEDA Branch Road
Xiqing Economic-Technological Development Area
Tianjin 300385, P.R. China
Office Phone: 022 23788282
E-Mail: info@elco.cn
www.elco-holding.com.cn

Elco Industrie Automation GmbH

Benzstrasse 7
71720 Oberstenfeld,
Deutschland
Office Phone: +49 7062 / 6599-260
E-Mail: info@elco-automation.de
www.elco-automation.de

Elco Automation LLC

1097 Highway 101 South, Suite D-3 Greer
South Carolina 29651, USA
Office Phone: +1 864-581-7431
E-Mail: infousa@elcoautomation.com
www.elcoautomation.com

Elco Industrial Automation Pvt Ltd.

No 80, 1st Main, 2nd Cross, Royal Enclave,
Sidedahalli, Nagasandra Bangalore 560073, India
Office Phone: +91-7259931777
E-Mail: info@elcoautomation.in
www.elcoautomation.com

Elco Automation Korea Ltd.

706, 17 Daehak 4-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, Republic of Korea, 16226
Office Phone: +82-31-216-7890
E-Mail: sales@elcoautomation.co.kr
www.elcoautomation.com