

## LKHA-1600N-QA

## ARTICLE PROPERTIES

<b>PRODUCT TYPE</b>	IO-LINK IP20 Hubs
<b>DESCRIPTION</b>	16DI, NPN, interface 4 Pin M12

## ELECTRICAL CONNECTION

<b>IO-LINK</b>	1×M12 A-code 4 Pin, Male	<b>INPUT / OUTPUT</b>	2 × 10 position I/O terminal blocks + 2 × 10 position Aux-plugs(24 V and 0 V) terminal blocks, push-in spring connection, pluggable
<b>POWER SUPPLY</b>	Included in IO-Link interface		

## ELECTRICAL DATA

<b>INPUT</b>	16	<b>OUTPUT</b>	-
<b>INPUT SUPPLY CURRENT</b>	Max. 200 mA per channel, sum 1.6 A	<b>OUTPUT CURRENT</b>	-
<b>INPUT DELAY</b>	0.8 ms, 1.6 ms, 3.2 ms or 20 ms, parameterizable configuration	<b>OUTPUT TYPE</b>	-
<b>MODULE COMMUNICATION INDICATOR</b>	Green LED	<b>OUTPUT FREQUENCY</b>	-
<b>POWER SUPPLY INDICATOR</b>	Green LED	<b>PROCESS DATA IN</b>	2 bytes
<b>SIGNAL STATUS INDICATOR</b>	Green LED	<b>PROCESS DATA OUT</b>	0 bytes

## DIAGNOSTICS

<b>COMMUNICATION STATUS</b>	LED indication, communication message	<b>SHORT-CIRCUIT</b>	LED indication
<b>VOLTAGE DETECTION</b>	LED indication	<b>OVERLOAD</b>	LED indication

## FUNCTIONAL SAFETY

<b>MTTF (40 °C)</b>	98a
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## GENERAL DATA

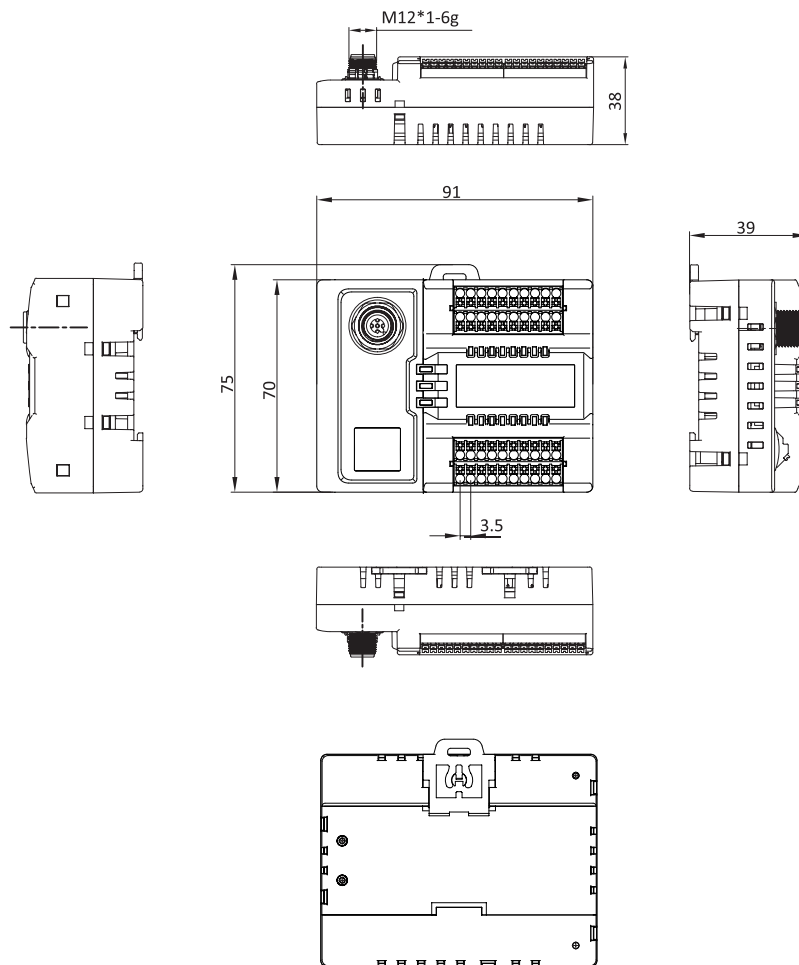
<b>PROTECTION CLASS</b>	IP20	<b>OPERATING TEMPERATURE</b>	-25 ... +70 °C
<b>DIMENSIONS</b>	91 × 70 × 39 mm	<b>STORAGE TEMPERATURE</b>	-40 ... +85 °C
<b>WEIGHT</b>	129.5 g		

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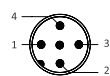
APPROVALS



DIMENSIONS



TERMINAL DEFINITION



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

11	12	13	14	15	16	17	18	19	20
1L	1L	1L	1L	1L	M	M	M	M	M
1L	i1	i2	i3	i4	i5	i6	i7	i8	M
1	2	3	4	5	6	7	8	9	10
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21	22	23	24	25	26	27	28	29	30
1L	i9	i10	i11	i12	i13	i14	i15	i16	M
1L	1L	1L	1L	1L	M	M	M	M	M
31	32	33	34	35	36	37	38	39	40

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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](mailto:info@elco.cn)  
[www.elco-holding.com.cn](http://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](mailto:info@elco-automation.de)  
[www.elco-automation.de](http://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](mailto:infousa@elcoautomation.com)  
[www.elcoautomation.com](http://www.elcoautomation.com)

**Elco Industrial Automation Pvt Ltd.**

No 80, 1<sup>st</sup> Main, 2<sup>nd</sup> Cross, Royal Enclave,  
Sidedahalli, Nagasandra Bangalore 560073, India  
Office Phone: +91-7259931777  
E-Mail: [info@elcoautomation.in](mailto:info@elcoautomation.in)  
[www.elcoautomation.com](http://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](mailto:sales@elcoautomation.co.kr)  
[www.elcoautomation.com](http://www.elcoautomation.com)