

Product datasheet

Specifications



collaborative robot, Lexium Cobot,
maximum payload 3kg

LXMRL03S0000

Main

Range of product	Lexium Cobot
Product or component type	Collaborative robot
maximum payload	3 kg
operating radius	626 mm
positioning accuracy	+/- 0.02 mm
degree of freedom	6
programming	Graphical drag & drop
teach-in device	Ipad ios app Android app

Complementary

maximum speed	180°/s joint 1 +/- 360° 180°/s joint 2 -85, +265° 180°/s joint 3 +/- 175° 220°/s joint 4 -85, +265° 220°/s joint 5 +/- 360° 220°/s joint 6 +/- 360°
Rated voltage	24 V
Digital input number	2
Digital output number	2
Analogue input number	2
Power consumption in W	150 W
Mounting position	Any position
screw type	M8
Standards	GB 11291.1:2011 EN/ISO 10218-1:2011 EN 60204-1:2018 EN/ISO 12100:2010 EN/ISO 13849-1:2015 EN 61000-6-2:2005 EN 61000-6-4:2007+A1:2011 ISO 13849-1:2015 ISO 13849-2:2012 ISO 14644-1 ISO 9001:2015 UL 1740 ANSI/RIA R15.06 CAN/CSA Z434 NFPA 79 CAN/CSA C22.2 No. 24 REACH RoHS

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Marking	CE KC TÜV
Material	Aluminium
base diameter	129 mm
Cable length	6 m
Product weight	12 kg

Environmental

IP degree of protection	IP54
Ambient air temperature for operation	0...50 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.500 cm
Package 1 Width	42.000 cm
Package 1 Length	50.000 cm
Package 1 Weight	14.341 kg
Unit Type of Package 2	P06
Number of Units in Package 2	2
Package 2 Height	105.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	38.682 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	4 068 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	200 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3 863 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	85
End of life manual availability	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





