

Product data sheet

Specifications

compact controller, Lexium Cobot



LXMRL00C2000

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Lexium Cobot
Product or Component Type	Robot controller
Product Compatibility	3 kg payload robot cobot 5 kg payload robot cobot 7 kg payload robot cobot 12 kg payload robot cobot 18 kg payload robot cobot
Discrete input number	7
Discrete output number	7

Complementary

Input voltage	30...60 V DC
I/O rated voltage	24 V DC
Output Current	<= 40 A
Communication interface	TCP/IP Modbus TCP Modbus RTU Profinet Ethernet/IP
Mounting Mode	Panel mounting
IP Degree of Protection	IP20
Material	Aluminium Steel
Length	7.09 in (180 mm)
Width	5.04 in (128 mm)
Height	1.9 in (47 mm)
Net Weight	2.4 lb(US) (1.1 kg)

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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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
Marking	CE KC TÜV

Ordering and shipping details

Category	US1PC5418307
Discount Schedule	PC54
GTIN	3606485859552
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.4 in (13.8 cm)
Package 1 Width	8.9 in (22.7 cm)
Package 1 Length	12.3 in (31.2 cm)
Package weight(Lbs)	5.07 lb(US) (2.3 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	11.8 in (30 cm)
Package 2 Width	15.7 in (40 cm)
Package 2 Length	23.6 in (60 cm)
Package 2 Weight	27.03 lb(US) (12.26 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	29.5 in (75 cm)
Package 3 Width	23.6 in (60 cm)
Package 3 Length	31.5 in (80 cm)
Package 3 Weight	120.2 lb(US) (54.5 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	329 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	64 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	259 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	0.6580261832064452
Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





