

CHARX T2HI-ELOCK24V - Locking



1331524
<https://www.phoenixcontact.com/in/products/1331524>

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CHARX connect universal, Type 2, Locking, Accessories, Single wires, length: 1 m, locking actuator: 24 V, 4-pos., for mounting on vehicle charging inlets, IEC 61851-1



Product description

Locking actuator with 24 V power supply for infrastructure charging sockets and vehicle charging inlets

Your advantages

- Integrated interlock during charging
- Manual emergency release of the locking actuator
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Uniform, space-saving installation space

Commercial data

Item number	1331524
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	XWC
Product key	XWCAFO
GTIN	4063151627935
Weight per piece (including packing)	148.5 g
Weight per piece (excluding packing)	73.6 g
Customs tariff number	85011099
Country of origin	DE

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Technical data

Product properties

Product type	Locking actuator
Product family	CHARX connect universal
Application	for mounting on vehicle charging inlets
Type	Accessories
Charging standard	Type 2
Charging mode	Mode 2, 3, 4

Electrical properties

Locking actuator

Locking actuator	24 V, 4-pos.
	Position can be freely selected
Possible power supply range at the motor	22 V ... 26 V
Maximum voltage for locking detection	30 V
Typical motor current for locking	0.05 A
Reverse current of the motor	max. 0.5 A
Max. dwell time with reverse current	1 s
Recommended adaptation time	600 ms
Pause time after entry or exit path	3 s
Service life insertion cycles	> 10000 load cycles
Lock recognition	available
Mechanical emergency release	available
Ambient temperature (operation)	-40 °C ... 80 °C
Cable length	0.5 mm

Cable/line

Cable length	1 m
Cable type	Single wires
Cable structure	4 x 0.5 mm ²
Single wire, material	PVC
Single wire, color	BU/RD
	BU/GN
	BU/YE
	BU/BN
External cable diameter	1.60 mm ±0.20 mm
Cable resistance	≤ 37.1 Ω/m

Standards and regulations

Standards

Standards/regulations	IEC 61851-1
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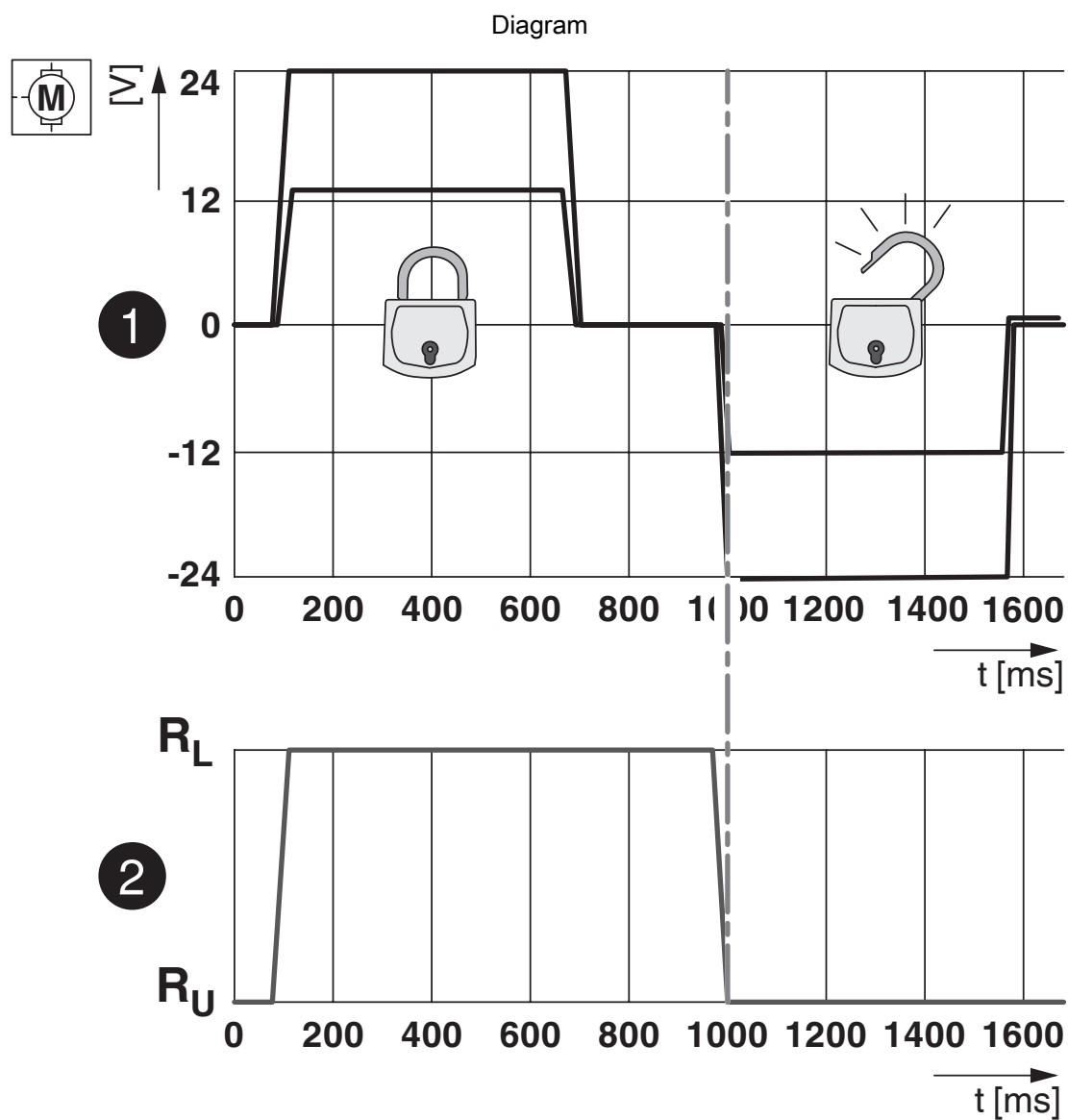
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Drawings



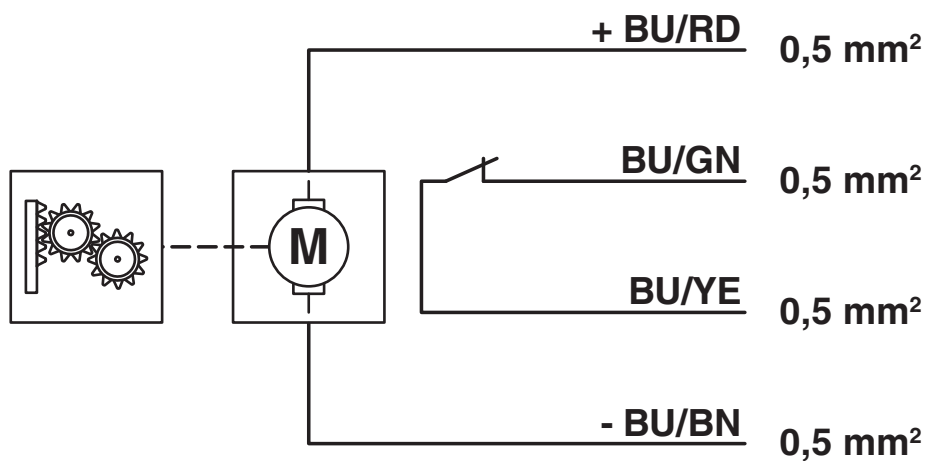
Locking states of the locking actuator

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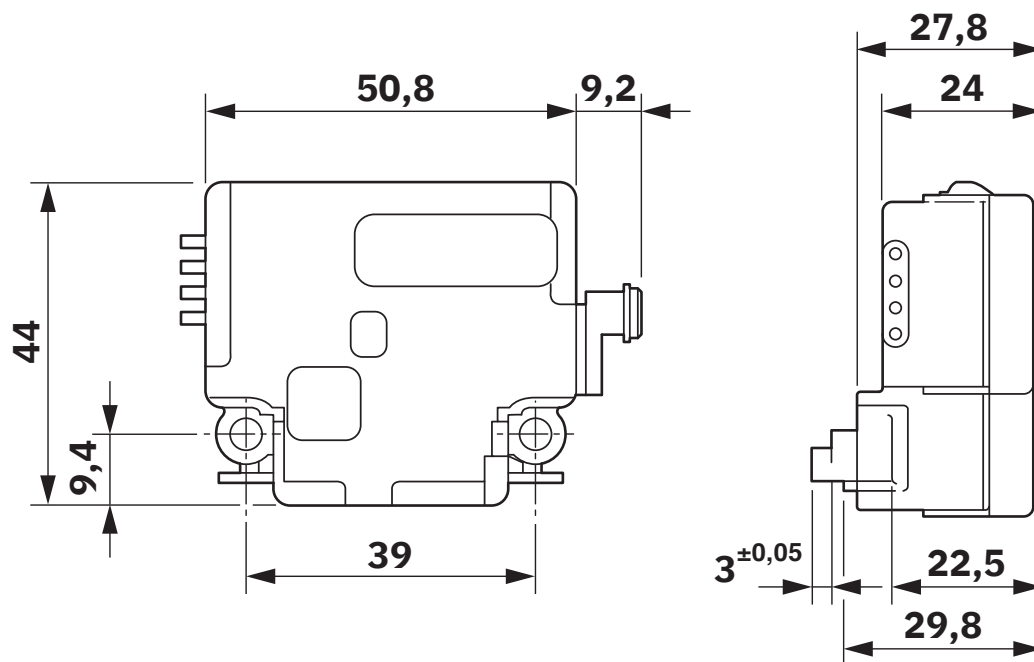
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Block diagram



Block diagram of the locking actuator

Dimensional drawing



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Classifications

ECLASS

ECLASS-11.0	27144792
ECLASS-12.0	27144792
ECLASS-13.0	27144792

ETIM

ETIM 9.0	EC002884
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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