

Product data sheet

Specifications



TeSys B bar-mounted contactor - 4 poles - AC-1 440V 2000 A - coil 220V AC

LC1BP34M22

⚠ Discontinued on: May 19, 2023

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Main

Range	TeSys
Product name	TeSys B
Product or Component Type	Contactor
Device short name	LC1BP
Contactor application	Motor-heating-lighting
Utilisation category	AC-1
Control circuit type	AC
Coil type	Standard
Poles description	4P
Pole contact composition	4 NO
[Ie] rated operational current	2000 A (at <104 °F (40 °C)) AC AC-1 for power circuit
Auxiliary contact composition	2 NO + 2 NC
[Uc] control circuit voltage	220 V AC 50/60 Hz

Complementary

Control circuit voltage limits	Operational: 0.85...1.1 Uc at 50/60 Hz Drop-out: 0.35...0.5 Uc at 50/60 Hz
[Ui] rated insulation voltage	1000 V - power circuit IEC 60158-1 1000 V - power circuit IEC 60947-4 1500 V - power circuit VDE 0110 group C
Mounting Mode	Fixed
Mounting Support	Bar support bracket Notched mounting rails
Connections - terminals	Power circuit bolted connection
Tightening torque	Power circuit 309.8 lbf.in (35 N.m) bars
[Ue] rated operational voltage	Power circuit <= 1000 V AC 50/60 Hz
[Ith] conventional free air thermal current	2000 A (at 104 °F (40 °C)) for power circuit
Irms rated making capacity	15000 A at 1000 V AC for power circuit conforming to IEC 60158-1 15000 A at 1000 V AC for power circuit conforming to IEC 60947-4

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.

Rated breaking capacity	12000 A at 500 V for power circuit conforming to IEC 60158-1 12000 A at 500 V for power circuit conforming to IEC 60947-4 15000 A at 440 V for power circuit conforming to IEC 60158-1 15000 A at 440 V for power circuit conforming to IEC 60947-4 5000 A at 1000 V for power circuit conforming to IEC 60158-1 5000 A at 1000 V for power circuit conforming to IEC 60947-4 9000 A at 660...690 V for power circuit conforming to IEC 60158-1 9000 A at 660...690 V for power circuit conforming to IEC 60947-4
Associated fuse rating	1600 A aM at <= 440 V for power circuit 2000 A gI at <= 440 V for power circuit
Average impedance	0.13 mOhm - lth 2000 A 50 Hz for power circuit
Power dissipation per pole	520 W AC-1 - lth 2000 A
Inrush power in VA	1600 VA
Hold-in power consumption in VA	47 VA 50/60 Hz
Operating time	100...150 ms closing 50...100 ms opening
Mechanical durability	1200000 cycles
Maximum operating rate	120 cyc/h 131 °F (55 °C)
Height	19.3 in (490 mm)
Width	43.1 in (1095 mm)
Depth	18.7 in (475 mm)
Net Weight	264.6 lb(US) (120 kg)

Environment

Standards	NF C 63-110 IEC 60947-4 VDE 0660 BS 5424 IEC 60158-1
Product Certifications	BV CSA RINA
Protective treatment	TC TH
Ambient Air Temperature for Operation	23...131 °F (-5...55 °C)
Ambient Air Temperature for Storage	-76...176 °F (-60...80 °C)
Operating altitude	9842.52 ft (3000 m) without derating

Ordering and shipping details

Category	22341-CONTACTOR,D,K,&F ACCESS
Discount Schedule	I12
GTIN	3389110103199
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	22.8 in (58 cm)
Package 1 Width	26.0 in (66 cm)

Package 1 Length	47.2 in (120 cm)
Package weight(Lbs)	286.6 lb(US) (130 kg)



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 >](#)

Use Better



Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Circularity Profile

[End of Life Information](#)

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.