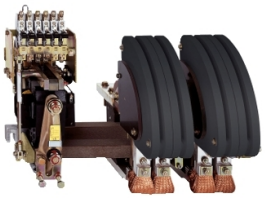
Product data sheet

Specifications



bar-mountedcontactor-TeSysLC1-BP-2poles-AC-11000V2000A-coil440VAC

LC1BP32R22

Discontinued

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	2P
Pole contact composition	2 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	440 V AC 50...400 Hz

Complementary

Protective cover	With
Auxiliary contacts type	Instantaneous 2 NO + 2 NC
Control circuit voltage limits	Operational: 0.85...1.1 Uc Drop-out: 0.35...0.5 Uc
[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
Connections - terminals	Power circuit bars 3 x 100 x 5 mm
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
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

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

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 - Ith 2000 A 50 Hz for power circuit
Power dissipation per pole	520 W AC-1 - Ith 2000 A
Inrush power in VA	1000 VA
Hold-in power consumption in VA	20 VA
Operating time	100...150 ms closing 20...40 ms opening
Mechanical durability	1200000 cycles
Maximum operating rate	120 cyc/h 131 °F (55 °C)
Rated operational power in VA	2000 VA 110…127 V AC-1 1000000 cycles - control circuit 3500 VA 500 V AC-1 1000000 cycles - control circuit 4000 VA 220 V AC-1 1000000 cycles - control circuit 4000 VA 380 V AC-1 1000000 cycles - control circuit 4000 VA 415…440 V AC-1 1000000 cycles - control circuit
Rated operational power in W	200 W 500 V AC 1000000 cycles - control circuit 230 W 440 V AC 1000000 cycles - control circuit 250 W 110 V AC 1000000 cycles - control circuit 250 W 220 V AC 1000000 cycles - control circuit
Height	19.7 in (500 mm)
Width	18.7 in (475 mm)
Depth	22.4 in (570 mm)
Net Weight	143.3 lb(US) (65 kg)

Environment

Standards	IEC 60158-1 BS 5424 VDE 0660 IEC 60947-4 NF C 63-110
Product Certifications	CSA BV 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	18402-WORLD SERVICE PARTS(CONTROL ACCESS)
Discount Schedule	CP10
GTIN	3606485337562
Returnability	No

Contractual warranty

Warranty (in months)	18

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 Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

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