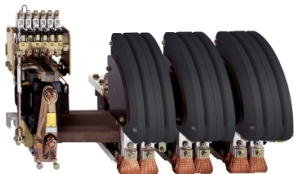


Product datasheet

Specifications



bar-mounted contactor - TeSys LC1-BP - 3 poles - AC-3 440V 1500 A - coil 110V AC

LC1BP33F22

⚠ Discontinued on: 22 Oct 2021

⚠ 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-3 AC-4 AC-1
Control Circuit Type	AC
Coil Type	Standard
Poles Description	3P
Pole Contact Composition	3 NO
[Ie] Rated Operational Current	2000 A (at <40 °C) AC AC-1 for power circuit 1500 A (at <55 °C) AC AC-3 for power circuit
Motor Power Kw	425 kW at 220...230 V AC 50/60 Hz (AC-3) 670 kW at 1000 V AC 50/60 Hz (AC-3) 700 kW at 500 V AC 50/60 Hz (AC-3) 750 kW at 380...400 V AC 50/60 Hz (AC-3) 750 kW at 660...690 V AC 50/60 Hz (AC-3) 800 kW at 415 V AC 50/60 Hz (AC-3) 800 kW at 440 V AC 50/60 Hz (AC-3) 220 kW at 400 V AC 50/60 Hz (AC-4)
Auxiliary Contact Composition	2 NO + 2 NC
[Uc] Control Circuit Voltage	110 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 - for power circuit conforming to IEC 60158-1 1000 V - for power circuit conforming to IEC 60947-4 1500 V - for power circuit conforming to VDE 0110 group C
Mounting Mode	Fixed
Mounting Support	Notched mounting rails Bar support bracket
Connections - Terminals	Power circuit: bolted connection
Tightening Torque	Power circuit: 35 N.m - on bars
[Ue] Rated Operational Voltage	Power circuit: <= 1000 V AC 50/60 Hz

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

[Ith] Conventional Free Air Thermal Current	2000 A (at 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
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	290 W AC-3 - Ith 2000 A 520 W AC-1 - Ith 2000 A
Inrush Power In Va	1300 VA
Hold-In Power Consumption In Va	31 VA 50/60 Hz
Operating Time	100...150 ms closing 50...100 ms opening
Mechanical Durability	1200000 cycles
Maximum Operating Rate	120 cyc/h 55 °C
Height	490 mm
Width	790 mm
Depth	475 mm
Net Weight	94 kg

Environment

Standards	NF C 63-110 IEC 60158-1 BS 5424 VDE 0660 IEC 60947-4
Product Certifications	CSA RINA BV
Protective Treatment	TC TH
Ambient Air Temperature For Operation	-5...55 °C
Ambient Air Temperature For Storage	-60...80 °C
Operating Altitude	3000 m without derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	52 cm
Package 1 Width	58 cm
Package 1 Length	89 cm
Package 1 Weight	101 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins