

Product data sheet

Specifications



TeSys F changeover contactor - 4P(4 NO) AC-1 <= 440 V 200 A - without coil

LC2F1154

⚠ Discontinued on: Jul 2, 2025

⚠ Discontinued

Main

Range	TeSys
Product name	TeSys F
Product or Component Type	Changeover contactor
Device short name	LC2F
Contactor application	Resistive load
Utilisation category	AC-1
Device presentation	Preassembled with reversing power busbar
Poles description	4P
power pole contact composition	4 NO
[Ue] rated operational voltage	<= 1000 V AC 50/60 Hz <= 460 V DC
[Ie] rated operational current	200 A (at <104 °F (40 °C)) at <= 440 V AC AC-1
Auxiliary contact composition	1 NO
[Uimp] rated impulse withstand voltage	8 kV
Overvoltage category	III
[Ith] conventional free air thermal current	200 A (at 104 °F (40 °C))
Irms rated making capacity	1150 A AC conforming to IEC 60947-4-1
Rated breaking capacity	920 A conforming to IEC 60947-4-1
[Icw] rated short-time withstand current	1100 A 104 °F (40 °C) - 10 s 640 A 104 °F (40 °C) - 30 s 520 A 104 °F (40 °C) - 1 min 400 A 104 °F (40 °C) - 3 min 320 A 104 °F (40 °C) - 10 min
Associated fuse rating	125 aM at <= 440 V 200 aG at <= 440 V
Average impedance	0.37 mOhm - Ith 200 A 50 Hz
[Ui] rated insulation voltage	1000 V IEC 60947-4-1 1500 V VDE 0110 group C
Power dissipation per pole	15 W AC-1
Interlocking type	Mechanical
Mounting Support	Plate

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

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

Standards	EN 60947-1 IEC 60947-4-1 JIS C8201-4-1 EN 60947-4-1 IEC 60947-1
Product Certifications	CCC RMRoS UL RINA CB ABS LROS (Lloyds register of shipping) CSA DNV UKCA
Connections - terminals	Power circuit connector 1 0.1 in² (95 mm²) Power circuit lugs-ring terminals 1 0.1 in² (95 mm²) Control circuit screw clamp terminals 1 0.002...0.006 in² (1...4 mm²)flexible without cable end Control circuit screw clamp terminals 2 0.002...0.006 in² (1...4 mm²)flexible without cable end Control circuit screw clamp terminals 1 0.002...0.006 in² (1...4 mm²)flexible with cable end Control circuit screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)flexible with cable end Control circuit screw clamp terminals 1 0.002...0.006 in² (1...4 mm²)solid without cable end Control circuit screw clamp terminals 2 0.002...0.006 in² (1...4 mm²)solid without cable end Power circuit bar 2 20 x 3 mm
Tightening torque	Power circuit 88.5 lbf.in (10 N.m) Control circuit 10.6 lbf.in (1.2 N.m)

Environment

IP degree of protection	IP2X front face with shrouds IEC 60529 IP2X front face with shrouds VDE 0106
Protective treatment	TH
Ambient Air Temperature for Operation	23...131 °F (-5...55 °C)
Ambient Air Temperature for Storage	-76...176 °F (-60...80 °C)
Permissible ambient air temperature around the device	-40...158 °F (-40...70 °C)
Operating altitude	9842.52 ft (3000 m) without derating
Fire resistance	1562 °F (850 °C) IEC 60695-2-1
Mechanical robustness	Vibrations contactor open2 Gn, 5...300 Hz Vibrations contactor closed6 Gn, 5...300 Hz Shocks contactor open9 Gn for 11 ms Shocks contactor closed15 Gn for 11 ms
Height	6.4 in (162 mm)
Width	16.5 in (419 mm)
Depth	6.7 in (171 mm)
Net Weight	19.53 lb(US) (8.86 kg)

Ordering and shipping details

Category	18401-WORLD SERVICE PARTS(CTR ACCESS)
Discount Schedule	CP10
GTIN	3389110227376
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.7 in (22.0 cm)
Package 1 Width	14.2 in (36.0 cm)
Package 1 Length	21.06 in (53.5 cm)
Package weight(Lbs)	22.542 lb(US) (10.225 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	30.3 in (77.0 cm)
Package 2 Width	31.5 in (80.0 cm)
Package 2 Length	23.6 in (60.0 cm)
Package 2 Weight	108.9 lb(US) (49.4 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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	1 638 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	150 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 472 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	14 kg CO2 eq.

Use Better



Materials and Substances

EU RoHS Directive	Compliant with Exemptions
SCIP Number	B2d4179a-eb65-40a3-a1ef-d9a33060486f
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	91
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.