

INDUSTRIAL AUTOMATION PRODUCT

LC1D32F7C

TeSys D Contactor

Schneider Electric LC1D32F7C is a TeSys Deca three-pole IEC contactor configuration using the authorized LC1D32F7 technical record. It is rated for 32 A AC-3 operation with a 110 V AC 50/60 Hz coil.

IDENTITY	VERIFIED VALUE
Manufacturer	Schneider Electric
Complete model	LC1D32F7C
Product role	TeSys D Contactor
System family	TeSys Deca IEC contactor platform
Country of origin	France

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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LC1D32F7C

Technical Specifications

PARAMETER	VERIFIED VALUE
Authorized source model	LC1D32F7
Product family	TeSys Deca
Device type	IEC contactor
Poles	3P (3 NO)
AC-3 current	32 A
AC-3 motor power	15 kW at 400 V
Coil	110 V AC 50/60 Hz
SCCR	Up to 100 kA
Auxiliary contacts	1 NO + 1 NC

Model-Specific Engineering Note

ENGINEERING BOUNDARY

Before installing Schneider Electric LC1D32F7C, record the authorized LC1D32F7 wiring, coil voltage and contact arrangement. Verify conductor torque, control-circuit voltage and the motor load before energizing the contactor.

Pre-Installation Checks

NO.	REQUIRED CHECK
1	Verify Schneider Electric LC1D32F7C against the authorized LC1D32F7 record before installation.
2	Isolate the power and control circuits and verify absence of voltage before wiring.
3	Confirm the 110 V AC 50/60 Hz coil supply before energizing the contactor.
4	Match the three-pole power wiring, 3 NO contacts and auxiliary 1 NO + 1 NC arrangement.
5	Select conductors and protective devices for the documented 32 A AC-3 motor duty.

System Role and Architecture

Schneider Electric LC1D32F7C is a TeSys Deca three-pole IEC contactor configuration using the authorized LC1D32F7 technical record. It is rated for 32 A AC-3 operation with a 110 V AC 50/60 Hz coil.

FUNCTION 1
Three-pole TeSys Deca contactor

FUNCTION 2
32 A AC-3 motor switching

FUNCTION 3
110 V AC 50/60 Hz coil

FUNCTION 4
3 NO power contacts with auxiliary signaling

Common Applications

APPLICATION	ENGINEERING CONTEXT
Motor starters	Switches documented three-phase motor loads in TeSys Deca starter assemblies.
Industrial HVAC panels	Supports IEC contactor control in industrial and HVAC equipment.
Control-circuit isolation	Uses the 110 V AC coil to separate command wiring from the power circuit.
Maintenance replacement	Provides a model-qualified replacement point for an authorized LC1D32F7 arrangement.

CONTROLLED ACCEPTANCE DUTY
Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify Schneider Electric LC1D32F7C against the authorized LC1D32F7 record before installation.
2	Isolate the power and control circuits and verify absence of voltage before wiring.
3	Confirm the 110 V AC 50/60 Hz coil supply before energizing the contactor.
4	Match the three-pole power wiring, 3 NO contacts and auxiliary 1 NO + 1 NC arrangement.
5	Select conductors and protective devices for the documented 32 A AC-3 motor duty.
6	Tighten terminals to the current Schneider Electric installation requirements.
7	Check the motor nameplate, starter coordination and enclosure clearances before release.
8	Perform controlled coil, contact and motor-load tests and retain the commissioning record.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is the authorized source model for Schneider Electric LC1D32F7C?	This page uses Schneider Electric LC1D32F7 as the authorized technical source for LC1D32F7C.
How many poles are documented for Schneider Electric LC1D32F7C?	The authorized LC1D32F7 record identifies a three-pole contactor with three normally open power contacts.
What AC-3 current is documented for Schneider Electric LC1D32F7C?	The LC1D32F7 source record documents 32 A AC-3 current.
What coil voltage is required by Schneider Electric LC1D32F7C?	The authorized LC1D32F7 record specifies a 110 V AC 50/60 Hz coil.

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What motor power is listed for Schneider Electric LC1D32F7C?	The Schneider Electric record lists 15 kW at 400 V for AC-3 motor duty.
Which auxiliary contacts are associated with Schneider Electric LC1D32F7C?	The authorized record identifies one normally open and one normally closed auxiliary contact.
What should be checked before replacing Schneider Electric LC1D32F7C?	Record the LC1D32F7C marking, power wiring, coil voltage, auxiliary assignment, motor nameplate and protective coordination.
How should Schneider Electric LC1D32F7C be commissioned?	Verify isolation and wiring, energize the 110 V AC coil under control, prove contact operation and record the motor-load test.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Schneider Electric ATV320U75N4B	View Schneider Electric ATV320U75N4B
Schneider Electric ATV61HD75N4	View Schneider Electric ATV61HD75N4
Schneider Electric ATV71HD75N4	View Schneider Electric ATV71HD75N4
Schneider Electric ATV71HD75N4	View Schneider Electric ATV71HD75N4
Schneider Electric BSH1402P21A2A	View Schneider Electric BSH1402P21A2A
Schneider Electric BSH1402P21A2A	View Schneider Electric BSH1402P21A2A
Rosemount 3900-02-10	View Rosemount 3900-02-10
Rosemount 396P-08-10-55	View Rosemount 396P-08-10-55

MANUFACTURER SOURCE RECORD

LC1D32F7 TeSys Deca IEC Contactor Product Record
Schneider Electric official LC1D32F7 product page and product data sheet SQD-LC1D32F7; authorized for LC1D32F7C

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