



LD4LD030B has not been replaced. Please contact your customer care center for more information.

⚠ Discontinued

Main

Range	TeSys
Product name	TeSys Integral 63
Product or component type	Contactor breaker
Device short name	LD4LD

Complementary

Utilisation category	AC-1 AC-43
Poles description	3P
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Ie] rated operational current	63 A AC AC-1 63 A AC AC-43
[Ith] conventional free air thermal current	63 A 104 °F (40 °C)
Motor power kW	15 kW 220...240 V AC 50/60 Hz 30 kW 400 V AC 50/60 Hz 33 kW 415 V AC 50/60 Hz 37 kW 500 V AC 50/60 Hz 55 kW 660 V AC 50/60 Hz 33 kW 440 V AC 50/60 Hz
[Uc] control circuit voltage	24 V AC 50 Hz
Test function	Self test
Control type	Knob emergency stop red front CNOMO
Irms rated making capacity	756 A IEC 60947-4 946 A IEC 60947-4
[Ipk] rated peak withstand current	105 kA IEC 60947-2
Breaking capacity	Icu 10 kA 600...690 V 0.5) IEC 60947-2 Icu 30 kA 480...525 V 0.25) IEC 60947-6-2 Icu 50 kA <= 440 V 0.25) IEC 60947-2
[Ics] rated service breaking capacity	10 kA 600...690 V IEC 60947-2 35 kA 480...525 V IEC 60947-2 50 kA <= 440 V IEC 60947-2
Maximum breaking time	4 ms
Thermal stress limit	300000 A ² .s
[Uimp] rated impulse withstand voltage	8 kV 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

Control circuit voltage limits	0.25...0.7 Uc drop-out 131 °F (55 °C) 0.85...1.1 Uc operation 131 °F (55 °C)
[Ui] rated insulation voltage	690 V IEC 60947-1
Inrush power in VA	375 VA 50 Hz 68 °F (20 °C))
Hold-in power consumption in VA	25 VA 68 °F (20 °C))
Heat dissipation	5 W 32 A per pole, hot state power circuit 7 W 50 A per pole, hot state power circuit 9 W 63 A per pole, hot state power circuit 4.4 W 25 A per pole, hot state power circuit 5.8 W 40 A per pole, hot state power circuit 8 W at 50 Hz control circuit
Operating time	12...35 ms AC closing 68 °F (20 °C) control circuit 7...20 ms AC opening 68 °F (20 °C) control circuit
Electrical durability	1 Mcycles AC-3 3 kA 415 V - after 1 cycle O-CO-r-CO at Isc 0.9 Mcycles AC-3 10 kA 415 V - after 1 cycle O-CO-r-CO at Isc 0.6 Mcycles AC-3 25 kA 415 V - after 1 cycle O-CO-r-CO at Isc 0.5 Mcycles AC-3 35 kA 415 V - after 1 cycle O-CO-r-CO at Isc 0.2 Mcycles AC-3 50 kA 415 V - after 1 cycle O-CO-r-CO at Isc
Mechanical durability	1.2 Mcycles
Connections - terminals	Power circuit screw clamp terminals 1 0.01...0.08 in ² (6...50 mm ²) flexible - without cable end Power circuit screw clamp terminals 2 0.01...0.04 in ² (6...25 mm ²) flexible - without cable end Power circuit screw clamp terminals 1 0.01...0.04 in ² (6...25 mm ²) flexible - with cable end Power circuit screw clamp terminals 2 0.01...0.04 in ² (6...25 mm ²) flexible - with cable end Power circuit screw clamp terminals 1 0.01...0.08 in ² (6...50 mm ²) solid
Tightening torque	Power circuit 53.10 lbf.in (6 N.m) screw clamp terminals
Width	3.54 in (90 mm)
Height	9.57 in (243 mm)
Depth	7.56 in (192 mm)
Net weight	8.38 lb(US) (3.8 kg)

Environment

Standards	IEC 60947-4 BS 4941 IEC 60947-1 NEN NF C 63-130 NF C 20-040 VDE 0660 VDE 0113 VDE 471 IEC 60204-1 NF C 79-100 VDE 0171 BS 4752 IEC 60158-1 NBN IEC 60947-2 IEC 60364 IEC 60204-2 VDE 0170 VDE 0100 NF C 63-120 NF C 63-650 NF C 63-110 BS 5424 VDE 0110
Product certifications	NEMKO GL BV UL ASE DEMKO CSA SCC LROS (Lloyds register of shipping) OVE SETI ASEFA

DNV
NKK
RINA
ASTA
USSR

Protective treatment	TH
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-40...176 °F (-40...80 °C)
Mechanical robustness	Vibrations de-energised3 Gn, 1...300 Hz Vibrations energised3 Gn, 1...300 Hz Shocks de-energised8 Gn for 11 ms Shocks energised8 Gn for 11 ms
IP degree of protection	IP20 B IEC 60144 IP20 B IEC 60529
Operating altitude	9842.52 ft (3000 m) without derating

Ordering and shipping details

Category	22382-STRS,INTEGRAL 32&63,OPEN
Discount Schedule	I11
GTIN	03389110181340
Returnability	No
Country of origin	FR

Offer Sustainability

RECh Regulation	RECh Declaration
RECh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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.

Contractual warranty

Warranty	18 months
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