

Product availability: Non-Stock - Not normally stocked in distribution facility



### Main

Range	TeSys
Product name	TeSys Integral 63
Product or component type	Reversing contactor breaker
Device short name	LD5LD
Utilisation category	AC-43
Poles description	3P
System Voltage	690 V AC 50/60 Hz
[Ie] rated operational current	63 A AC AC-43
[I <sub>th</sub> ] conventional free air thermal current	63 A at ≤ 104 °F (40 °C)
Motor power kW	30 kW at 400 V AC 50/60 Hz 33 kW at 415 V AC 50/60 Hz 55 kW at 660 V AC 50/60 Hz 15 kW at 220...240 V AC 50/60 Hz 33 kW at 440 V AC 50/60 Hz 37 kW at 500 V AC 50/60 Hz
[Uc] control circuit voltage	120 V AC 60 Hz
Test function	Self test
Control type	Knob emergency stop red front conforming to CNOMO

### Complementary

Irms rated making capacity	946 A conforming to IEC 60947-4 756 A conforming to IEC 60947-4
[I <sub>pk</sub> ] rated peak withstand current	105 kA conforming to IEC 60947-2
Breaking capacity	I <sub>cu</sub> 10 kA at 600...690 V (cos φ 0.5) conforming to IEC 60947-2 I <sub>cu</sub> 30 kA at 480...525 V (cos φ 0.25) conforming to IEC 60947-6-2 I <sub>cu</sub> 50 kA at ≤ 440 V (cos φ 0.25) conforming to IEC 60947-2
[I <sub>cs</sub> ] rated service breaking capacity	10 kA at 600...690 V conforming to IEC 60947-2 35 kA at 480...525 V conforming to IEC 60947-2 50 kA at ≤ 440 V conforming to IEC 60947-2
Maximum breaking time	≤ 4 ms
Thermal stress limit	300000 A².s
[U <sub>imp</sub> ] rated impulse withstand voltage	8 kV conforming to IEC 60947-4
Control circuit voltage limits	0.25...0.7 U <sub>c</sub> drop-out at ≤ 55 °C 0.85...1.1 U <sub>c</sub> operation at ≤ 55 °C
[Ui] rated insulation voltage	690 V conforming to IEC 60947-1
Inrush power in VA	450 VA at 20 °C 60 Hz
Hold-in power consumption in VA	25 VA at 20 °C
Heat dissipation	11 W at 60 Hz for control circuit 5 W at 32 A per pole, hot state for power circuit 7 W at 50 A per pole, hot state for power circuit 9 W at 63 A per pole, hot state for power circuit 4.4 W at 25 A per pole, hot state for power circuit 5.8 W at 40 A per pole, hot state for power circuit
Operating time	12...35 ms AC network closing at 68 °F (20 °C) for control circuit 7...20 ms AC network opening at 68 °F (20 °C) for control circuit

Electrical durability	1 Mcycles on AC-3 - Icu 3 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.9 Mcycles on AC-3 - Icu 10 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.6 Mcycles on AC-3 - Icu 25 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.5 Mcycles on AC-3 - Icu 35 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc 0.2 Mcycles on AC-3 - Icu 50 kA - at 415 V - after 1 cycle O-CO-r-CO at Isc
Mechanical durability	1.2 Mcycles
Connections - terminals	Power circuit : screw clamp terminals 1 cable 6...50 mm <sup>2</sup> - cable stiffness: flexible - without cable end Power circuit : screw clamp terminals 2 cable 6...25 mm <sup>2</sup> - cable stiffness: flexible - without cable end Power circuit : screw clamp terminals 1 cable 6...25 mm <sup>2</sup> - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals 2 cable 6...25 mm <sup>2</sup> - cable stiffness: flexible - with cable end Power circuit : screw clamp terminals 1 cable 6...50 mm <sup>2</sup> - cable stiffness: solid
Tightening torque	Power circuit: 53.1 lbf.in (6 N.m) - on screw clamp terminals
Width	7.13 in (181 mm)
Height	10.83 in (275 mm)
Depth	7.64 in (194 mm)
Product weight	16.76 lb(US) (7.6 kg)

## Environment

Standards	BS 4752 IEC 60158-1 IEC 60364 BS 4941 VDE 0113 IEC 60947-4 VDE 0171 VDE 471 VDE 0170 IEC 60947-2 NBN IEC 60204-1 VDE 0660 IEC 60204-2 NEN NF C 79-100 VDE 0100 NF C 20-040 NF C 63-130 NF C 63-650 NF C 63-110 IEC 60947-1 VDE 0110 NF C 63-120 BS 5424
Product certifications	ASTA DNV OVE RINA GL SCC CSA SETI USSR ASEFA NKK DEMKO BV LROS (Lloyds register of shipping) ASE UL NEMKO
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-energised state 3 Gn, 1...300 Hz Vibrations energised state 3 Gn, 1...300 Hz Shocks de-energised state 8 Gn for 11 ms Shocks energised state 8 Gn for 11 ms

IP degree of protection	IP20 B conforming to IEC 60144 IP20 B conforming to 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	00785901872535
Nbr. of units in pkg.	1
Package weight(Lbs)	20.809999999999999
Returnability	N
Country of origin	FR

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0839 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

### Contractual warranty

Warranty period	18 months
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