SQUARE D



Circuit breaker, PowerPacT J, 150A, 3 pole, 600VAC, 50kA, lugs, thermal magnetic, 80%

JLL36150

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

Price*: 7,086.00 USD

Main

Product or Component Type	Circuit breaker	
Complementary		
Line Rated Current	150 A	
Number of Poles	3P	
Control Type	Toggle	
Breaking capacity code	L	
Breaking capacity	125 kA 240 V AC 50/60 Hz UL 489 100 kA 480 V AC 50/60 Hz UL 489 50 kA 600 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 50 kA 500 V DC UL 489	
[Ue] rated operational voltage	600 V AC 50/60 Hz IEC 60947-3	
Network Frequency	50/60 Hz	
[Ics] rated service breaking capacity	125 kA 220/240 V AC 50/60 Hz IEC 60947-2 100 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 50 kA 500/525 V AC 50/60 Hz IEC 60947-2 20 kA 250 V DC IEC 60947-2 20 kA 500 V DC IEC 60947-2	
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2	
Trip unit technology	Thermal-magnetic	
Magnetic tripping current	1750 A	
Magnetic hold current	750 A	
Continuous current rating	80 %	
[Ui] rated insulation voltage	750 V IEC 60947-2	
Protection Type	Overload protection Short-circuit protection	
Suitability for isolation	Yes IEC 60947-2	
Utilisation category	Category A	
AWG gauge	AWG 4AWG 4/0 aluminium/copper terminal	
Local signalling	Switched off (OFF) 1 trip indicator green)	
Mounting mode	Unit mount lug)	
Mounting Support	Lug	

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

Electrical connection	Lugs, line Lugs, load	
Terminal identifier	AL175JD	
Long time pick-up adjustment range	0.251 x ln	
Tightening torque	221.3 lbf.in (25 N.m) 0.040.1 in² (2595 mm²) (AWG 4AWG 4/0)	
Number of slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 overcurrent trip switch SDE plug-in) 1 voltage release MN or MX plug-in)	
Power wire stripping length	1.0 in (25 mm)	
Height	7.5 in (191 mm)	
Width	4.09 in (104 mm)	
Depth	3.4 in (86 mm)	
Product Weight	5.3 lb(US) (2.4 kg)	
Communication interface	Modbus	
Circuit breaker application	HACR rated	

Environment

Quality labels	CE
Standards	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
Product certifications	UL CSA NOM
IP degree of protection	Front cover IP40
Pollution degree	3
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

Ordering and shipping details

Category	US10DE201120	
Discount Schedule	0DE2	
GTIN	785901598756	
Returnability	Yes	
Country of origin	US	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.13 in (13.018 cm)
Package 1 Width	7.25 in (18.415 cm)

Package 1 Length	8.44 in (21.433 cm)
Package 1 Weight	4.500 lb(US) (2.041 kg)

Contractual warranty

Warranty 18 months



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	
Carbon footprint (kg CO2 eq, Total Life cycle)	831
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
China RoHS Regulation	China RoHS declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
PVC free	Yes

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

Approximate Dimensions

