Product data sheet Characteristics

L1442M

Limit switch, L140, cable 600 VAC 10 At I



Main

Range of Product	L140
Series name	Severe duty mill
Product or Component Type	Limit switch
Product Specific Application	Cable pull switch
Device short name	L140
Body type	Fixed
Head type	Rotary head
Sale per indivisible quantity	1

Complementary

Base plate style Style 2 Body Material Cast aluminium Fixing Mode By the body Type of operator Spring return without operating lever Function Available - Switch actuation CCW From right From right Type of approach Vertical approach Electrical connection Screw-clamp terminals AWG 22AWG 12 Cable entry 1 entry for 1/2* - 14 NPT ANSI B1.20.1 Number of poles 2 Contacts style and composition 1 NC + 1 NO Contacts style and composition 1 NC + 1 NO Contact style and composition DPDT-DB Contact of m Form 2b Contacts style A Switch Function DPDT-DB Contact susage - Contact susage - Contact operation Snap action Positive opening Without Minimum torque for tripping 208 opt.in Minimum torque for tripping 208 opt.in Minimum torque for resetting 112 ozf.in <	Complementary	
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Function Available	Fixing Mode	By the body
Switch actuation CCW From right Type of approach Vertical approach Vertical approach Screw-clamp terminals AWG 22AWG 12 Cable entry 1 entry for 1/2" - 14 NPT ANSI B1.20.1 Number of poles 2 Contacts type and composition 1 NC + 1 NO Contacts style A Switch Function DPDT-DB Contact form Form Zb Contacts material 90/10 AgCdO on copper backing stationary contact Silver on steel backing moveable contact Contact operation Snap action Positive opening Without Minimum torque for tripping 208 ozf.in Minimum torque for resetting 112 ozf.in Tripping angle 17 ° cable operated stop switch Maximum displacement angle 80 ° Repeat accuracy +/- 0.0 % Contact code designation A600, AC (Ue = 800 V) Ie = 5 A NEMA rating designation A600, AC (Ue = 120 V) Ie = 12 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 120 V)	Type of operator	Spring return without operating lever
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Contacts type and composition 1 NC + 1 NO Contacts style A Switch Function DPDT-DB Contact form Form Zb Contacts material 90/10 AgCdO on copper backing stationary contact Silver on steel backing moveable contact Contacts usage - Contact operation Snap action Positive opening Without Minimum torque for tripping 208 ozf.in Minimum torque for resetting 112 ozf.in Tripping angle 17 ° cable operated stop switch Maximum displacement angle 80 ° Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) Ie = 5 A NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation A600, AC (Ue = 200 V) Ie = 20 A NEMA rating designation P600, DC (Ue = 600 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designa	Cable entry	1 entry for 1/2" - 14 NPT ANSI B1.20.1
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Positive opening Minimum torque for tripping 208 ozf.in Minimum torque for resetting 112 ozf.in Tripping angle 17 ° cable operated stop switch Maximum displacement angle 80 ° Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) le = 5 A NEMA rating designation A600, AC (Ue = 480 V) le = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) le = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) le = 20 A NEMA rating designation P600, DC (Ue = 600 V) le = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) le = 1 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation	Contacts usage	-
Minimum torque for tripping 208 ozf.in Minimum torque for resetting 112 ozf.in Tripping angle 17 ° cable operated stop switch Maximum displacement angle 80 ° Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) Ie = 5 A NEMA rating designation A600, AC (Ue = 480 V) Ie = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) Ie = 20 A NEMA rating designation P600, DC (Ue = 600 V) Ie = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation	Contact operation	Snap action
Minimum torque for resetting Tripping angle 17 ° cable operated stop switch Maximum displacement angle 80 ° Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) le = 5 A NEMA rating designation A600, AC (Ue = 480 V) le = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) le = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) le = 20 A NEMA rating designation A600, DC (Ue = 600 V) le = 0.2 A NEMA rating designation P600, DC (Ue = 600 V) le = 1 A NEMA rating designation P600, DC (Ue = 250 V) le = 1 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation	Positive opening	Without
Tripping angle 17 ° cable operated stop switch 80 ° Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) Ie = 5 A NEMA rating designation A600, AC (Ue = 480 V) Ie = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation A600, AC (Ue = 240 V) Ie = 20 A NEMA rating designation A600, AC (Ue = 120 V) Ie = 20 A NEMA rating designation P600, DC (Ue = 600 V) Ie = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation	Minimum torque for tripping	208 ozf.in
Maximum displacement angle Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) Ie = 5 A NEMA rating designation A600, AC (Ue = 480 V) Ie = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) Ie = 20 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 0.2 A NEMA rating designation P600, DC (Ue = 600 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5	Minimum torque for resetting	112 ozf.in
Repeat accuracy +/- 0.03 % Contact code designation A600, AC (Ue = 600 V) Ie = 5 A NEMA rating designation A600, AC (Ue = 480 V) Ie = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) Ie = 20 A NEMA rating designation P600, DC (Ue = 600 V) Ie = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation P600, DC (Ue = 120 V) Ie = 5 A NEMA rating Designation P600	Tripping angle	17 ° cable operated stop switch
Contact code designation A600, AC (Ue = 600 V) le = 5 A NEMA rating designation A600, AC (Ue = 480 V) le = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) le = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) le = 20 A NEMA rating designation P600, DC (Ue = 600 V) le = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) le = 1 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation	Maximum displacement angle	80 °
A600, AC (Ue = 480 V) le = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) le = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) le = 20 A NEMA rating designation P600, DC (Ue = 600 V) le = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) le = 1 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation P600, DC (Ue = 120 V) le = 5 A NEMA rating designation	Repeat accuracy	+/- 0.03 %
[Ui] rated insulation voltage 600 V 3)IEC 60947-1 600 V 3)UL 508	Contact code designation	A600, AC (Ue = 480 V) le = 6.25 A NEMA rating designation A600, AC (Ue = 240 V) le = 12.5 A NEMA rating designation A600, AC (Ue = 120 V) le = 20 A NEMA rating designation P600, DC (Ue = 600 V) le = 0.2 A NEMA rating designation P600, DC (Ue = 250 V) le = 1 A NEMA rating designation
600 V 3)UL 508	[Ithe] conventional enclosed thermal current	20 A
	[Ui] rated insulation voltage	600 V 3)UL 508

[Uimp] rated impulse withstand voltage	2.5 KV AC for 1 minute CE 2.2 KV AC for 1 minute UL	
	2.64 kV AC for 1 minute CSA	
Short-circuit protection	20 A Bussmann class CC KTK-R-20 non-time delay	
Width	2.25 in (57.15 mm)	
Height	4.95 in (125.73 mm)	
Depth	3.41 in (86.61 mm)	
Net Weight	1.5 lb(US) (0.68 kg)	

Environment

Shock resistance	30 gn 9 ms IEC 60068-2-27
Vibration resistance	10 gn 1055 Hz)IEC 60068-2-6
NEMA degree of protection	NEMA 1 Nema type 250 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 12 Nema type 250 NEMA 13 Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Electrical shock protection class	Class 0 IEC 61140
Ambient Air Temperature for Operation	-20120 °F (-2949 °C)
Ambient Air Temperature for Storage	-20120 °F (-2949 °C)
Protective treatment	Corrosion resistant gray paint

Ordering and shipping details

22426-LIMIT SWITCHES,TYPE L
DS1
785901169796
1
24.00 oz (680.389 g)
No
MX

Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	2.30 in (5.842 cm)	
Package 1 width	2.80 in (7.112 cm)	
Package 1 Length	5.10 in (12.954 cm)	

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (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
REACh Regulation	REACh Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months	