

HL100WTR2M11

Limit switch, L100/300, L100 mill 3 contacts,
spring return, CCW, 3/4" NPT



Main

Range of Product	L100/300
Series name	Severe duty mill
Product or Component Type	Limit switch
Product Specific Application	Mill switch
Device short name	L300[RETURN]L100
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
Contact sequence number	11
Function Available	-
Switch actuation	CCW From right
Type of approach	Lateral approach
Electrical connection	Screw-clamp terminals AWG 22...AWG 12
Cable entry	1 entry for 3/4" - 14 NPT ANSI B1.20.1
Number of poles	3
CW operation contacts	2 NC + 1 NO
CCW operation contacts	1 NC + 2 NO
Contacts style	A
Switch Function	TPDT-DB
Contact form	Form XYY
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	190 ozf.in
Maximum actuation speed	90 Ft/Min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only
Tripping angle	17 °
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
[Ithe] conventional enclosed thermal current	20 A

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[Ui] rated insulation voltage	600 V 3)IEC 60947-1 600 V 3)UL 508 600 V 3)CSA C22.2 No 14
[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)
Terminals description ISO n°1	(5-6) center contact (1-2) left side contact (3-4) right side contact

Environment

Shock resistance	30 gn 9 ms IEC 60068-2-27
Vibration resistance	10 gn 10...55 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	0...350 °F (-18...177 °C)
Ambient Air Temperature for Storage	0...350 °F (-18...177 °C)
Protective treatment	Corrosion resistant gray paint

Ordering and shipping details

Category	22426-LIMIT SWITCHES,TYPE L
Discount Schedule	DS1
GTIN	00785901234708
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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