

Product data sheet

Characteristics

HL100WNCS2M34

L100 mill limit switch - 2 contacts - spring return
- CW+CCW - 1/2" NPT

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

Main

Commercial Status	Commercialised
Range of product	L100/300
Series name	Severe duty mill
Product or component type	Limit switch
Product specific application	Mill switch
Device short name	L100 L300
Body type	Fixed
Head type	Rotary head
Sale per indivisible quantity	1

Complementary

Base plate style	Style 2
Body material	Cast aluminum
Fixing mode	By the body
Type of operator	Spring return without operating lever
Contact sequence number	34
Function available	Neutral position
Switch actuation	From left or right CW and CCW
Type of approach	Lateral approach
Electrical connection	Screw-clamp terminals (AWG: 22...12)
Cable entry	1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1
Number of poles	2
Contacts type and composition	2 NC
CW operation contacts	1 NC + 1 NO
CCW operation contacts	1 NC + 1 NO
Contacts style	D
Switch function	DPST-NC-DB
Contact form	Form YY
Contacts material	Silver on steel backing moveable contact 90/10 AgCdO on copper backing stationary contact
Contacts usage	-
Contacts operation	Snap action
Positive opening	Without
Minimum torque for tripping	170 ozf.in
Maximum actuation speed	130 ft/min with 30° cam angle, levers only 90 ft/min with 45° cam angle, levers only
Tripping angle	9 °
Maximum displacement angle	70 °
Repeat accuracy	+/- 0.03 %
Contact code designation	P600 , DC (Ue = 120 V, Ie = 5 A) conforming to NEMA rating designation P600 , DC (Ue = 250 V, Ie = 1 A) conforming to NEMA rating designation P600 , DC (Ue = 600 V, Ie = 0.2 A) conforming to NEMA rating designation A600 , AC (Ue = 120 V, Ie = 20 A) conforming to NEMA rating designation A600 , AC (Ue = 240 V, Ie = 12.5 A) conforming to NEMA rating designation A600 , AC (Ue = 480 V, Ie = 6.25 A) conforming to NEMA rating designation A600 , AC (Ue = 600 V, Ie = 5 A) conforming to NEMA rating designation

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[Ithe] conventional enclosed thermal current	20 A
[Ui] rated insulation voltage	600 V (degree of pollution: 3) conforming to CSA C22.2 No 14 600 V (degree of pollution: 3) conforming to UL 508 600 V (degree of pollution: 3) conforming to IEC 60947-1
[Uimp] rated impulse withstand voltage	2.64 kV AC for 1 minute conforming to CSA 2.2 kV AC for 1 minute conforming to UL 2.5 kV AC for 1 minute conforming to CE
Short circuit protection	20 A Bussmann class CC KTK-R-20 fuse with non-time delay
Width	2.25 in
Height	4.95 in
Depth	3.41 in
Product weight	1.5 lb(US)
Terminals description ISO n°1	(1-2) left side contact (3-4) right side contact

Environment

Shock resistance	30 gn for 9 ms conforming to IEC 60068-2-27
Vibration resistance	10 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
NEMA degree of protection	NEMA 13 conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 1 conforming to Nema type 250
IP degree of protection	IP67 conforming to IEC 60529
Class of protection against electric shock	Class 0 conforming to IEC 61140
Ambient air temperature for operation	0...350 °F
Ambient air temperature for storage	0...350 °F
Protective treatment	Corrosion resistant gray paint

Ordering and shipping details

Category	22426 - LIMIT SWITCHES,TYPE L
Discount Schedule	T
GTIN	00785901635772
Nbr. of units in pkg.	1
Package weight(Lbs)	1.50
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	MX

Contractual warranty

Period	18 months
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