Product data sheet
Characteristics

L525WDL2M58
LIMIT SWITCH 600V 12AMP TYPE L +OPTIONS



Main

Range of product	L525
Series name	Severe duty mill
Product or component type	Limit switch
Product specific application	Belt conveyor switch
Device short name	L525
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	58
Function available	2 stages sequential
Switch actuation	From left CW
Type of approach	Lateral approach
Electrical connection	Screw-clamp terminals AWG 22...AWG 12
Cable entry	1 entry for 1/2" - 14 NPT ANSI B1.20.1
Number of poles	2
Contacts type and composition	2 NC
Switch function	DPST-NC-DB
Contact form	Form YY
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	150 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	12 ° conveyor belt monitoring and stopping
Maximum displacement angle	80 °
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
[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

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Short-circuit protection	20 A Bussmann class CC KTK-R-20 non-time delay
Maximum Width	2.25 in (57.15 mm)
Height	4.95 in (125.73 mm)
Maximum Depth	2.03 in (51.56 mm)
Net Weight	1.5 lb(US) (0.68 kg)
Terminals description ISO n°1	(5-6) right side contact (1-2) left 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 IEC 60529
Electrical shock protection class	Class 0 IEC 61140
Ambient air temperature for operation	-10…185 °F (-23…85 °C)
Ambient air temperature for storage	-10…185 °F (-23…85 °C)
Protective treatment	Corrosion resistant gray paint

Ordering and shipping details

Category	22426 - LIMIT SWITCHES,TYPE L
Discount Schedule	DS1
GTIN	00785901170082
Nbr. of units in pkg.	1
Package weight(Lbs)	1.5 lb(US) (0.68 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Package 1 Height	12.70 in (32.258 cm)
Package 1 width	5.00 in (12.700 cm)
Package 1 Length	32.26 in (81.935 cm)

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months