L100WS0S2M60

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	60
Function available	2 stages sequential
Switch actuation	CW From left
Type of approach	Lateral approach
Electrical connection	Screw-clamp terminals (AWG 22...AWG 12)
Cable entry	1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1
Number of poles	2
Contacts type and composition	1 NC + 1 NO
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	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 ° - for conveyor belt monitoring and stopping
Maximum displacement angle	75 °
Contact code designation	A600 , AC (Ue = 600 V, Ie = 5 A) conforming to NEMA rating designation A600 , AC (Ue = 480 V, Ie = 6.25 A) conforming to NEMA rating designation A600 , AC (Ue = 240 V, Ie = 12.5 A) conforming to NEMA rating designation A600 , AC (Ue = 120 V, Ie = 20 A) conforming to NEMA rating designation P600 , DC (Ue = 600 V, Ie = 0.2 A) conforming to NEMA rating designation P600 , DC (Ue = 250 V, Ie = 1 A) conforming to NEMA rating designation P600 , DC (Ue = 120 V, Ie = 5 A) conforming to NEMA rating designation
[Ithe] conventional enclosed thermal current	20 A
[Ui] rated insulation voltage	600 V (degree of pollution: 3) conforming to IEC 60947-1 600 V (degree of pollution: 3) conforming to UL 508 600 V (degree of pollution: 3) conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	2.5 kV AC for 1 minute conforming to CE 2.2 kV AC for 1 minute conforming to UL 2.64 kV AC for 1 minute conforming to CSA
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	2.03 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 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 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 conforming to IEC 61140
ambient air temperature for operation	-10...185 °F
ambient air temperature for storage	-10...185 °F
protective treatment	Corrosion resistant gray paint

Offer Sustainability

Not Green Premium product	Not Green Premium product
Will not be Compliant	Will not be Compliant
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	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.	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	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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