# Product data sheet Characteristics

## **HL525WDL2M57**

Limit switch, L525, L100/300, 9007,



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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

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	57	
Function available	2 stages sequential	
Switch actuation	CCW From right	
Type of approach	Lateral approach	
Electrical connection	Screw-clamp terminals AWG 22AWG 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 NO	
Switch function	DPST-NO-DB	
Contact form	Form XX	
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.ln	
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	80 °	
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 (pollution degree 3) conforming to IEC 60947-1 600 V (pollution degree 3) conforming to UL 508 600 V (pollution degree 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 non-time delay	
Width	57.15 Mm	
Height	125.73 Mm	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherence in not to be used for determining suitability or reliability of these products for specific user applications. It is the douty of any sub user or integrator to perform the appropriate and complete risk analysis, evaluating of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Depth	86.61 Mm	
Net weight	0.68 Kg	
Terminals description ISO n°1	(5-6) right side contact (1-2) left side contact	

#### Environment

Shock resistance	30 gn for 9 ms conforming to IEC 60068-2-27	
Vibration resistance	10 gn (f= 1055 Hz) conforming to IEC 60068-2-6	
NEMA degree of protection	NEMA 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to 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	-18177 °C	
Ambient air temperature for storage	-18177 °C	
Protective treatment	Corrosion resistant gray paint	

## Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	32.258 Cm	
Package 1 Width	12.7 Cm	
Package 1 Length	81.935 Cm	
Package 1 Weight	680.389 G	

## Offer Sustainability

REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Not applicable, out of EU RoHS legal scope	
Environmental Disclosure	Product Environmental Profile	
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	

## Contractual warranty

Warranty	18 month	
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Product Life Status : Commercialised

