

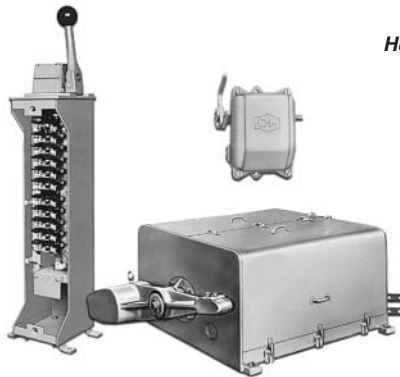
# Crane Control

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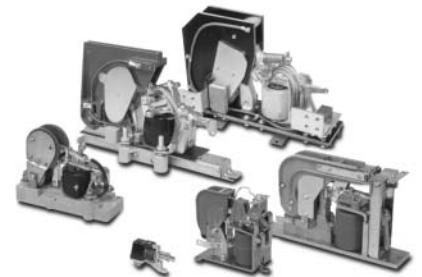
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*Heavy-Duty Brakes*



*Master and Limit Switch Family*



*Contactors and Relays*

**Foot-Operated Limit Switches**



*Lever May Be Installed on Either Side*

**Product Description**

These heavy-duty Foot-Operated Limit Switches are designed for use in mill applications, on moving machinery, or in other heavy-duty applications. They can be used as STOP devices or master switch controls. They are supplied with three contacts without overlap.

**Standards and Certifications**

- NEMA ICS2-215.07.
- NEMA ICS2-125.21.02.

**Technical Data and Specifications**

- Voltage: 600 V maximum, ac or dc.
- Current Rating:
  - 1.25 A at 250 Vdc continuous, breaking ratings per **Table 69**.
- Ambient Temperature:
  - 100°C maximum, operating
- Operation: Mechanical, foot-operated.

**Table 69. 14953 Control Circuit Ratings**

Maximum Current Amperes						dc Inductive	
ac						125 V	250 V
120 V		240 V		480 V		Make	Break
Make	Break	Make	Break	Make	Break	Make	Break
60	6.0	30	3.0	15	1.5	2.2	1.1

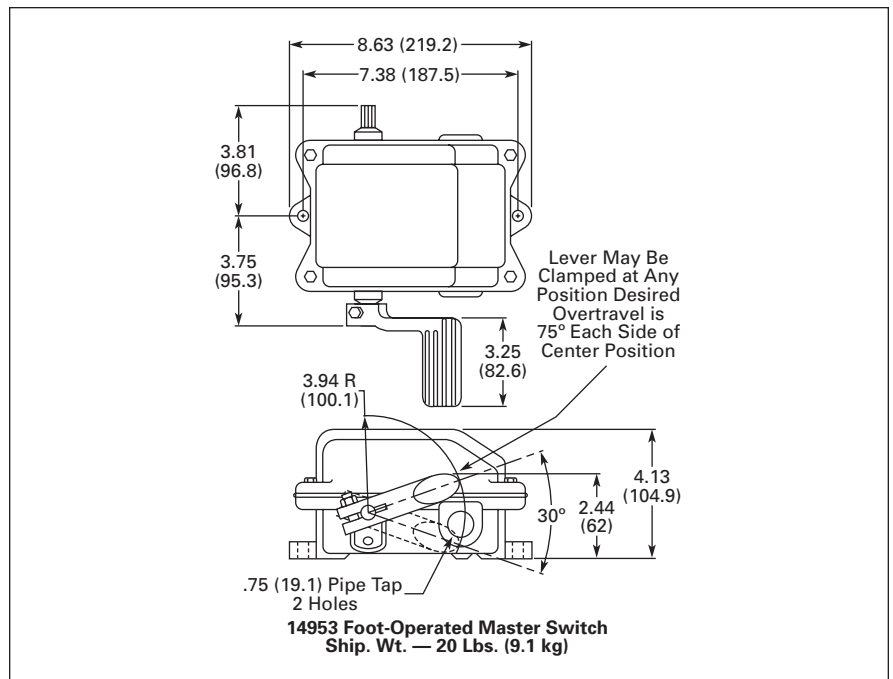
**Renewal Parts**

**Table 70. 14953 Renewal Parts**

Description	Part Number
Contact Block Assembly	83-530-5

**Note:** For prices, refer to Eaton's parts distributor or consult factory.

**Dimensions**



**Figure 22. Approximate Dimensions in Inches (mm) and Shipping Weights**

**Product Selection**

**When Ordering Specify**

- Catalog Number.

**Table 71. Type 14953 Foot-Operated Switches**

Contact Arrangement	NEMA Type Enclosure	Catalog Number	*
2NO-1NC	7	14953H40	
	4	14953H41	

Discount Symbol ..... **18CD-4**

\* Consult Sales Office for Pricing

Cable-Operated Limit Switches



Cable-Operated Limit Switch

Product Description

The Cable-Operated Limit Switch is a latched-in type safety switch for use on rubber mills, calendars, tubers and Banburys. A slight movement of the trip lever moves the star wheel of the trip position to cause a quick, positive operation of the contact mechanism.

A manual reset lever is provided, attached directly to the operating shaft at the other side of the switch.

Both the trip and reset levers are arranged for rope operation and are mounted on a serrated shaft that permits mounting in any desired position.

Standards and Certifications

- NEMA ICS2-215.07.
- NEMA ICS2-125.21.02.

Technical Data and Specifications

- Voltage: 600 V maximum, ac or dc.
- Current Rating:
  - 1.25 A at 250 Vdc continuous, breaking ratings per Table 72.
- Ambient Temperature:
  - 100°C maximum, operating
- Operation: Mechanical trip.

Table 72. 14957 Control Circuit Ratings

Maximum Current Amperes							
ac						dc Inductive	
120 V		240 V		480 V		125 V	250 V
Make	Break	Make	Break	Make	Break	Make	Break
60	6.0	30	3.0	15	1.5	2.2	1.1

Renewal Parts

Table 73. 14957 Renewal Parts

Description	Part Number
Contact Block Assembly	83-530-5

Note: For prices, refer to Eaton's parts distributor or consult factory.

Dimensions

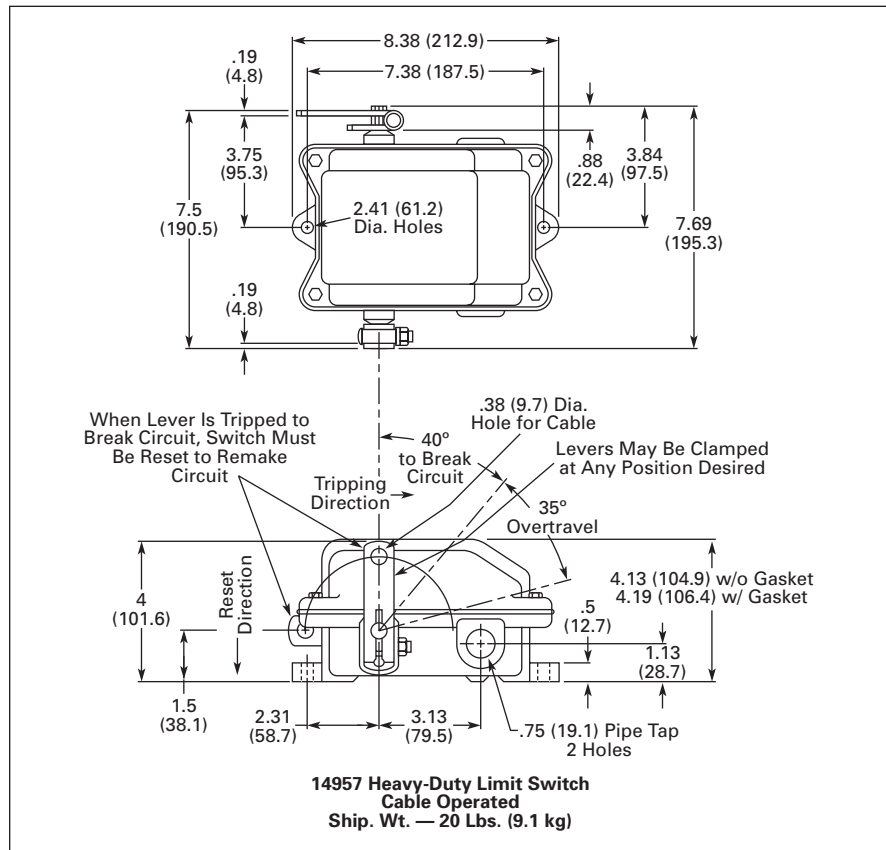


Figure 23. Approximate Dimensions in Inches (mm) and Shipping Weights

Product Selection

When Ordering Specify

- Catalog Number.

Table 74. Type 14957 Cable-Operated Safety Switches

Number of Poles	Contact Arrangement	NEMA Type Enclosure	Catalog Number	*
3	2NC, 1NO without Overlap	12	14957H9	
3	2NC, 1NO without Overlap	7	14957H8	

Discount Symbol ..... 18CD-4

\* Consult Sales Office for Pricing