



**PRODUCT ENGINEERING / V & SB
TECHNICAL DELIVERY CONDITIONS FOR
SUBDELIVERY COMPONENTS OF SOOT BLOWERS**

TSB : 018

Rev. 05

SHEET No. 01 of 02

LIMITS SWITCHES (MICRO)

- 1.0 Component : Limit Switches (Micro)
- 1.1. Material Code :
- 1.1.1. 963720640000 – Limit Switch (1NO+1NC): OTHER APPROVED MAKE
963720640001 – Limit Switch (1NO+1NC): B.C.H.
- 1.1.2. 963720630000 – Limit Switch (2NO+2NC): OTHER APPROVED MAKE
963720630001 – Limit Switch (2NO+2NC): B.C.H.
- 1.1.3. 973536800000 – Limit Switch (1NO+1NC):SQ-D Make, AB 23
- 1.1.4. 973530390000 – Limit Switch (2NO+2NC): SQ-D Make, CB 33
- 1.2. Application
- 1.2.1 Item 1.1.1 OR 1.1.3 is used for the control of wall deslaggers and rotary blowers.
- 1.2.2 Item 1.1.2 OR 1.1.4 is used for the control of wall deslaggers.
- 2.0 Specification
- 2.0.1. For item 1.1.1-Precision Switch with roller lever 600V, 15A, 1NO + 1NC Contacts, Break 5A, Make 8A PSRL of Cutler Hammer with improved features. (PSRL-R)
- 2.0.2. For item 1.1.2 Precision Switch roller lever 600V, 15A, 2NO+2NC Contacts, Break 0.8A, Make 6A PSRL-2 of Cutler Hammer with improved features. (PSRL-R2)
- 2.0.3. For item 1.1.4 Precision Snap Switch with rigid roller lever 600V, 10A, 2NO+2NC Contacts, Break 345VA, Make 3450VA. Type CB-33 of SQ-‘D’
- 2.0.4 For item 1.1.3 Precision Snap Switch with rigid roller lever 600V, 15A, 1NO+1NC Contacts, Break 5A, Make 8A. Type AB-23 OF SQ-‘D’
- 2.1 General specification
- 2.1.1. Operation : Roller lever (With 10mm Roller Width)
- 2.1.2. Operating force : Max. 0.595 Kg. Min. 0.387 Kg.
- 2.1.3 Terminal Capacity (Solid or stranded conductor) : 2.5 mm²
- 2.1.4 Action : Quick make and break.
- 2.1.5 Limit Switch dimensional detail for mounting, roller dimensions and operating data should accompany the offer.
- 2.1.6 LIMIT SWITCH Mounting Dimensions shall be as per Drg.No.4-20-201-01344
- 2.1.7 Frequency of operation : Should be suitable for 2500 operation/hr.

Rev:05 Dt.27/08/2004.

CONVERTED AS SOFT COPY.

Prepared (K.SRIDHARAN)

Date:
27/08/2004.

Approved (S.NATARAJAN)



**PRODUCT ENGINEERING / V & SB
TECHNICAL DELIVERY CONDITIONS FOR
SUBDELIVERY COMPONENTS OF SOOT BLOWERS**

TSB : 018

Rev. 05

SHEET No. 02 of 02

3.0 Inspection and Certificate

3.1 Inspection will be conducted by BHEL Inspector at supplier's work or at BHEL on receipt of the material (A)

3.2 Supplier to give guarantee certificate for 12/18 months trouble free operation.

4.0 Packaging : To be packed in weather proof card board boxes and dispatched.

5.0 Quantity : Item 1.1.1 or 1.1.3 – 1 No. / Wall deslagger and 1 No. / Rotary blower
Item 1.1.2 or 1.1.4 – 1 No. / Wall blower.

6.0 Approximate weight : 0.2 kg/ piece

7.0 Spares requirement : Spares vary respect to No of blowers.

8.0 Storage : To be protected from sun & rain. Exposing to atmosphere
damage the material.

For internal use only (A)

- i. The type numbers are to be checked as specified.
- ii. Visual inspection to check for damages, operation and also to ensure whether the switches are supplied in accordance with the specification shown in the purchase order like dimensional details and number of contacts.

Rev:05 Dt.27/08/2004.

CONVERTED AS SOFT COPY.

Prepared (K.SRIDHARAN)

Date:
27/08/2004.

Approved (S.NATARAJAN)