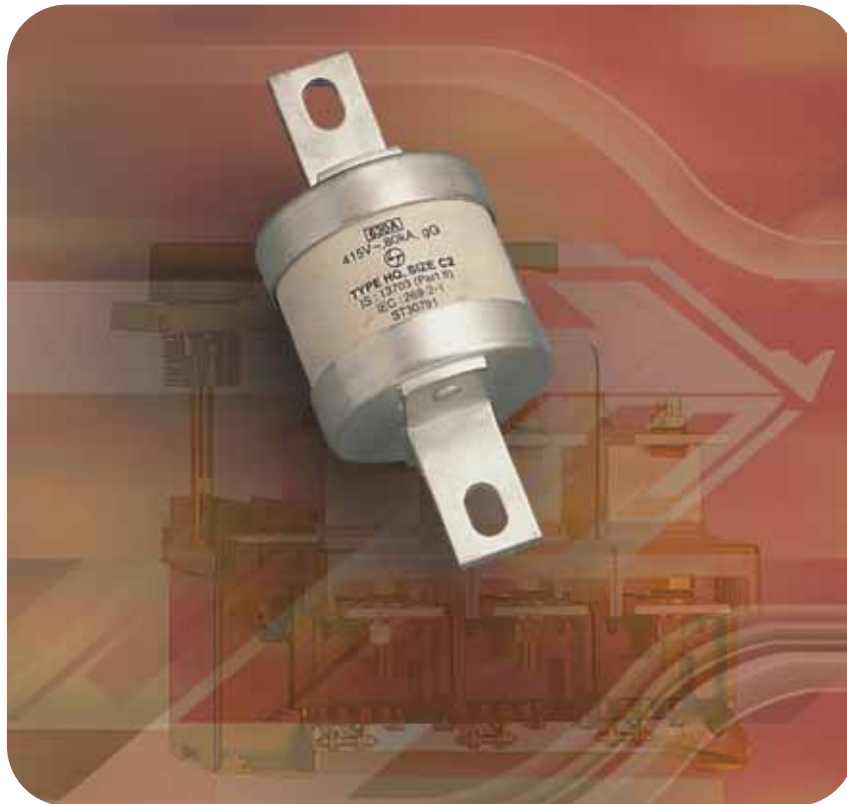




Switch-Disconnecter-Fuse HRC Fuse-links Bolted Type



LARSEN & TOUBRO LIMITED

It's all about Imagineering

HRC Fuse-links Bolted Type



Larsen & Toubro Limited, India's largest manufacturer of low tension switchgear, offers new

- FN range of SDFs suitable for Bolted Type Fuse-links
- HRC Fuse-links Bolted Type
- Fuse Bases for Bolted Type Fuse-links

Designed as per the new IS 13703 / IEC 269 standards, these products conform to the quality and performance standards of all L&T products.

Salient Features -

SDFs Suitable for Bolted Types Fuse-links

- Full AC 23 A Rating
- Front operated mechanism
- Positive isolation of fuses
- Quad make - break mechanism
- Separate arcing and current carrying zone
- High clearance and creepage distances
- Suitable for Aluminium termination
- Phase barriers Built-in / Add-on Switched neutral
- Compact size
- Easy inspection & replacement of contacts
- Provision for add-on auxiliary contacts
- Handle coupling arrangement conforming to IS-8623 (1977)
- Suitable for vertical and horizontal orientation
- Clear ON / OFF indication

Bolted Type Fuse-links

Technical Specifications

- Rated Voltage : 415 V
- Rated Breaking Capacity : 80 kA
- Utilisation Category : gG

Type	Size	Rating	Cat. No.	Power loss, W
HG	F1	2 A	ST307250000	0.3
		4 A	ST307260000	0.5
		6 A	ST307270000	1.2
		10 A	ST307280000	1.4
		16 A	ST307290000	1.8
		20 A	ST307300000	2.2
		25 A	ST307310000	2.9
		32 A	ST307320000	3.0
HQ	A1	2 A	ST307360000	0.3
		4 A	ST307370000	0.5
		6 A	ST307380000	1.2
		10 A	ST307390000	1.4
		16 A	ST307400000	1.8
		20 A	ST307410000	2.2
		25 A	ST307420000	2.9
		32 A	ST307430000	3.0
HQ	A1L	20 A	ST345270000	2.4
		25 A	ST345280000	3.1
		32 A	ST345290000	3.4
		50 A	ST358270000	4.0
		63 A	ST358280000	4.7
HQ	A2	4 A	ST307470000	0.8
		6 A	ST307480000	1.4
		10 A	ST307490000	1.5
		16 A	ST307500000	2.0
		20 A	ST307510000	2.8
		25 A	ST307520000	3.8
		32 A	ST307530000	4.4
HQ	A3	35 A	ST307590000	4.5
		50 A	ST307600000	6.2
		63 A	ST307610000	6.8
HQ	A4	80 A	ST307670000	9.1
		100 A	ST307680000	9.5
		125 A	ST307690000	14
HQ	B1	80 A	ST307740000	9.2
		100 A	ST307750000	10.5
		125 A	ST307760000	16.0
HQ	B2	125 A	ST307770000	15.0
		160 A	ST307780000	19.5
		200 A	ST307790000	20.5
HQ	B3	250 A	ST307810000	28
		315 A	ST307820000	32
HQ	B4	355 A	ST307830000	34
		400 A	ST307840000	38
HQ	C2	400 A	ST307850000	38
		500 A	ST307860000	50
		630 A	ST307870000	55
HQ	C3	630 A	ST307880000	58



Fuse Bases Suitable for Bolted Type Fuse-links

Type	Size	Suitable Fuse Type	Rating (A)	Cat. No.
HD 20H HD 20P HD 20B	Front Back Busbar	F1	20	ST307720000 ST307730000 ST307660000
HD 32H HD 32P HD 32B	Front Back Busbar	F1	32	ST307330000 ST307340000 ST307350000
HK 32H HK 32B	Front Busbar	A2	32	ST307540000 ST307550000
HK 63H HK 63B	Front Busbar	A3	63	ST307620000 ST307630000
HK 125H HK 125B	Front Busbar	A4	125	ST307700000 ST307710000



Ordering Information for SDFs

Type	Suitable Fuse Type	Rating (A)	Cat. No.
FN 32 FP	A1L	32	SK956530000
FN 63 FP	A1L	63	SK956510000
FN 100 TPN	A3 / A4	100	SK955700000
FN 125 TPN	A4	125	SK950090000
FN 200 TPN	B2	200	SK955880000
FN 250 TPN	B2	250	SK956820000
FN 315 TPN	B3	315	SK955900000
FN 400 TPN	B4	400	SK955910000
FN 630 TPN	C2	630	SK955920000



Features and Benefits of HRC Fuses

- Breaking capacity : 80 kA at 415 V. for HG & HQ Fuses.
- Fuses are available in F1 / A1 - A4 / B1 - B4 / C1 - C3 Sizes - from 2 Amp. to 630 Amp.
- Low watt losses ensures that associated equipment runs cooler.
- Can be used with FN Series SDFs suitable for Bolted Type Fuses.
- Can be used with Fuse Bases upto 125 Amp.

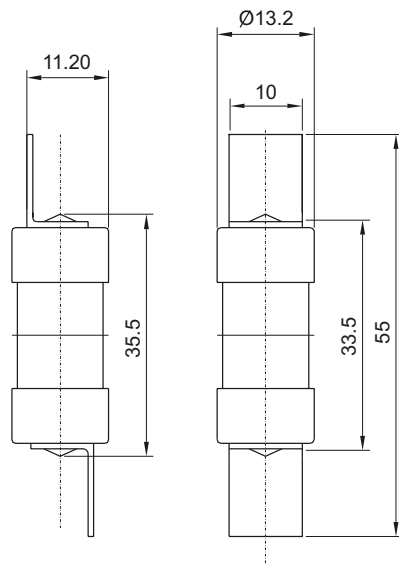
Guidelines for Selection

While Selecting fuse-links, the following points should be considered :

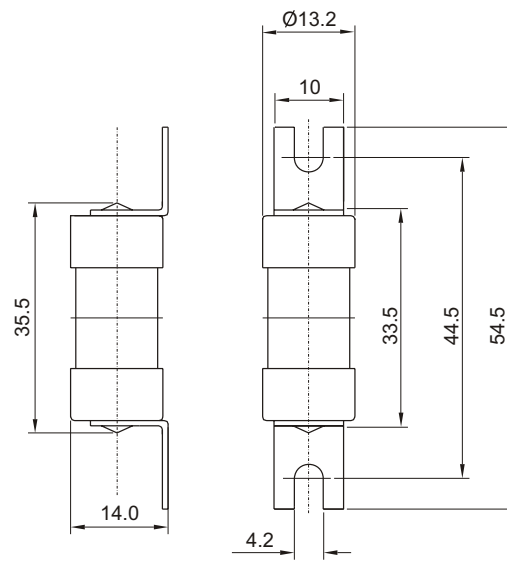
- Fuse-links type HG & HQ are suitable for system voltage up to 415 V.
- Select the suitable size and rating of fuse-link for Switch-Disconnect-Fuse unit.

Overall Dimension

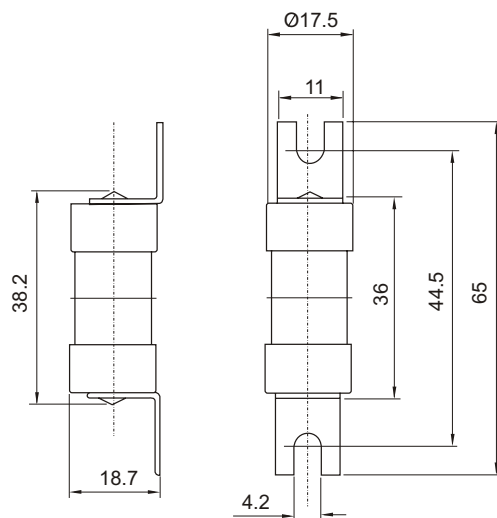
HQ, SIZE F1



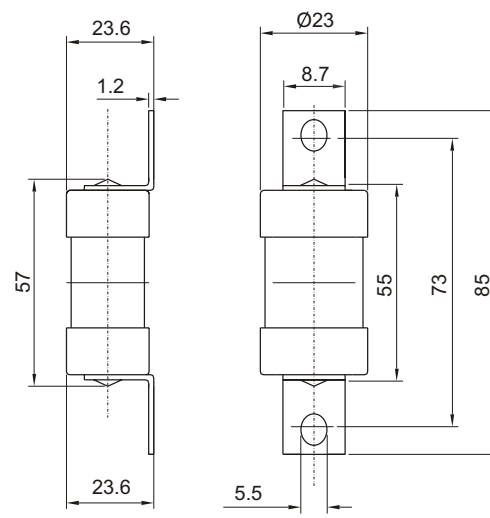
HQ, SIZE A1



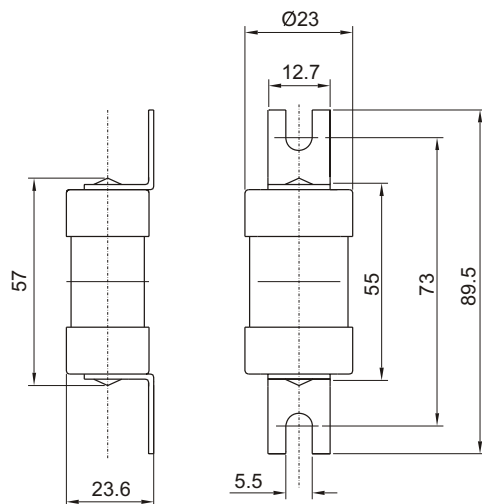
HQ, SIZE A1L



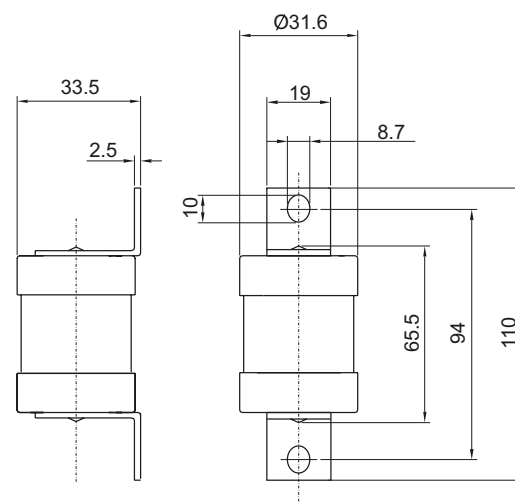
HQ, SIZE A2



HQ, SIZE A3

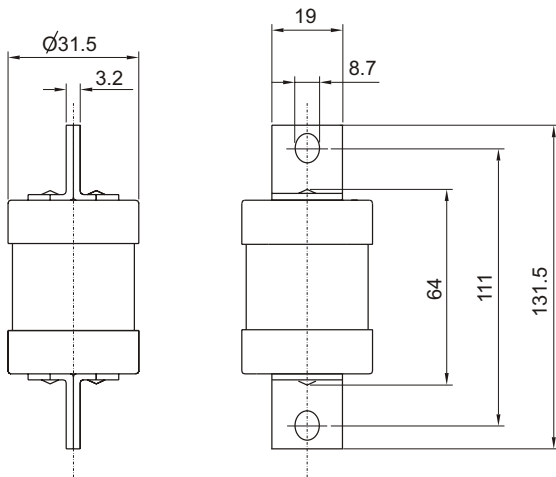


HQ, SIZE A4

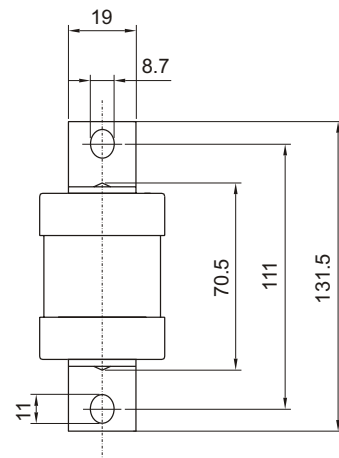


Overall Dimension

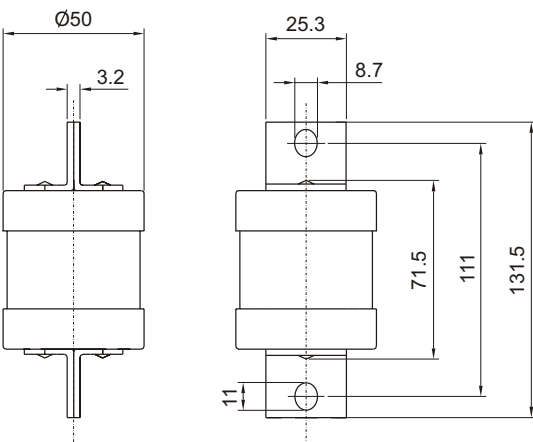
HQ, SIZE B1



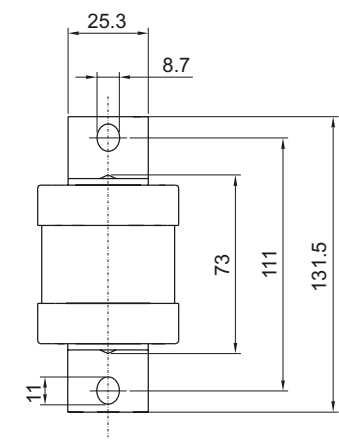
HQ, SIZE B2



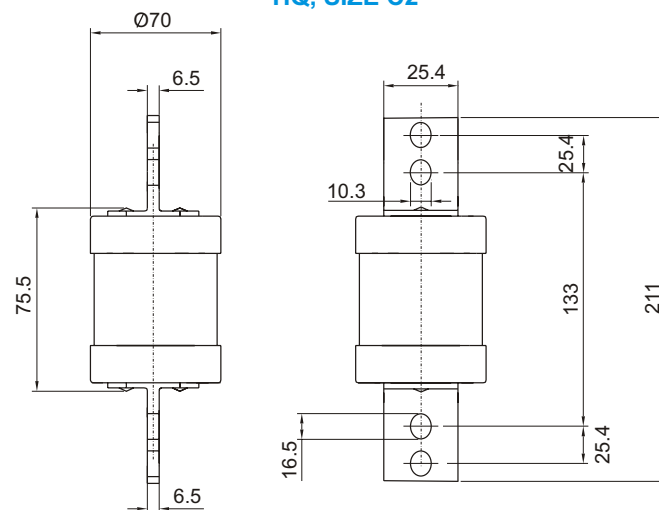
HQ, SIZE B3



HQ, SIZE B4

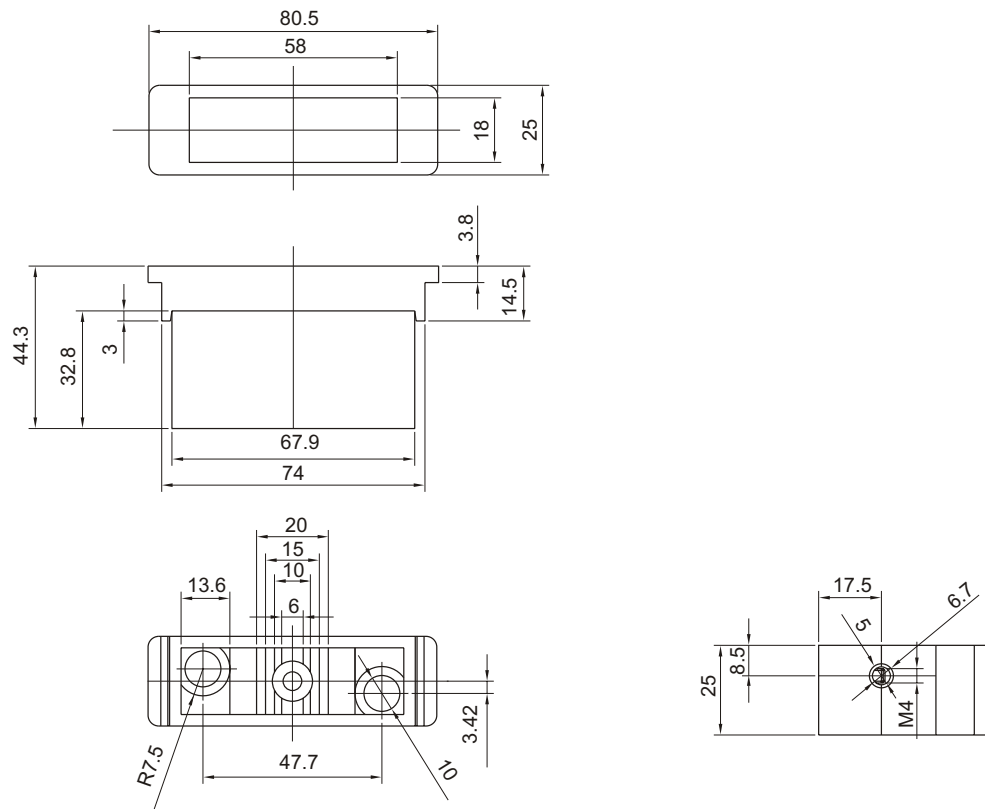


HQ, SIZE C2

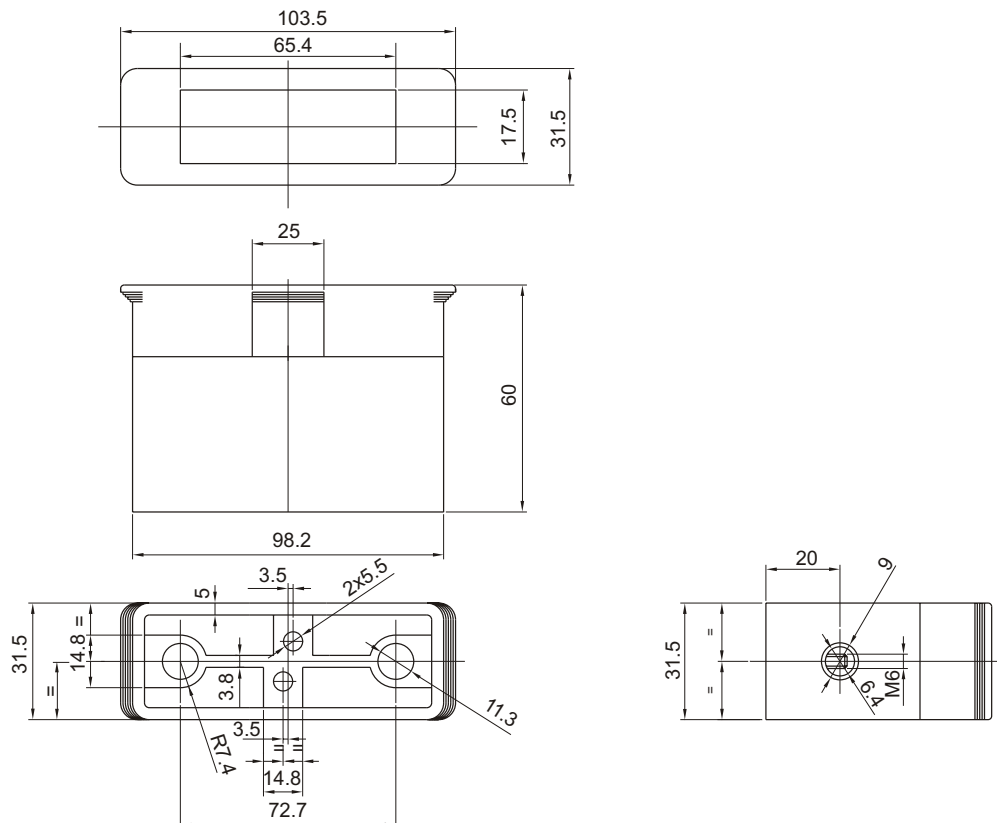


Overall Dimension

HD 20 / HD 32

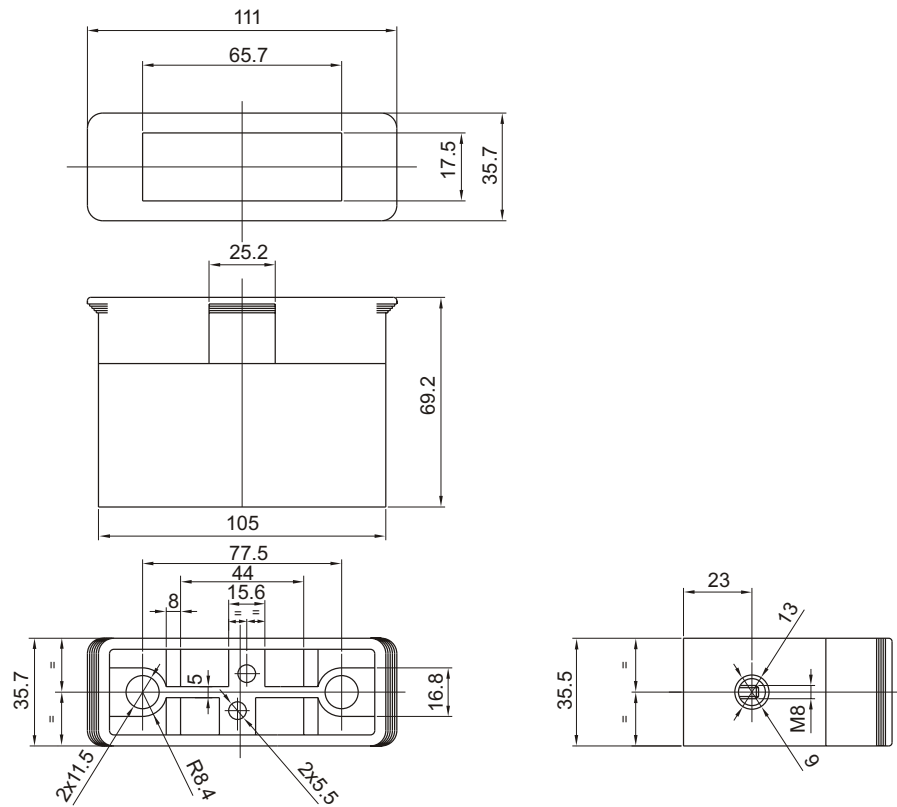


HK 32

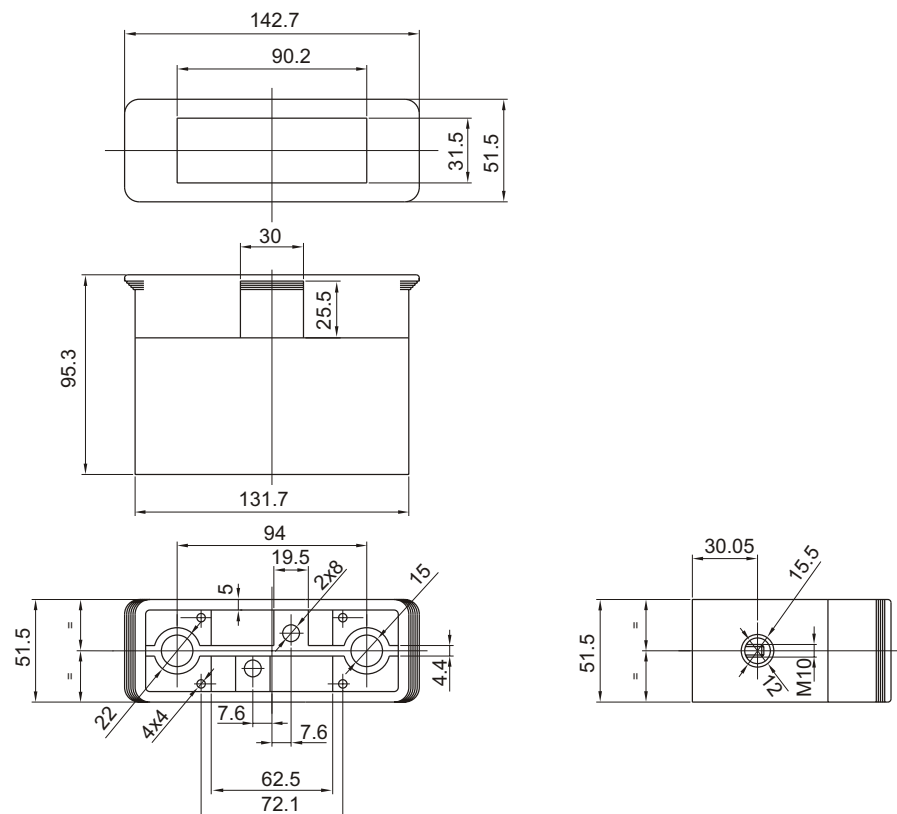


Overall Dimension

HK 63



HK 125



For selection and product demonstration, please contact any of our branch offices listed below:

REGISTERED OFFICE AND HEAD OFFICE

L&T House, Ballard Estate
P. O. Box 278
Mumbai 400 001
Tel: 022-67525656
Fax: 022-67525858
Website: www.Larsentoubro.com

ELECTRICAL STANDARD PRODUCTS (ESP)

501, Sakar Complex
Opp. Gandhigram Rly. Station
Ashram Road
Ahmedabad 380 009
Tel: 079-66304007-11, 55304000/1
Fax: 079-26580491
e-mail: esp-ahm@Lntebg.com

38, Cubbon Road, Post Box 5098
Bangalore 560 001
Tel: 080-25020100 / 25583613
Fax: 080-25580525
e-mail: esp-blr@Lntebg.com

131/1, Zone II
Maharana Pratap Nagar
Bhopal 462 011
Tel: 0755-6454906 / 7 / 8 / 9
Fax: 0755-2769264
e-mail: esp-bho@Lntebg.com

Plot No. 559, Annapurna Complex
Lewis Road
Bhubaneswar 751 014
Tel: 0674-2537301, 2436696
Fax: 0674-2537309
e-mail: esp-bbi@Lntebg.com

SCO 32, Sector 26-D
Madhya Marg, P. O. Box 14
Chandigarh 160 026
Tel: 0172-4646841 / 2 / 3 / 4 / 5 / 6 / 7
Fax: 0172-4646802
e-mail: esp-chd@Lntebg.com

10, Club House Road
Chennai 600 002
Tel: 044-28462072 / 4
Fax: 044-28462102
e-mail: esp-maa@Lntebg.com

67, Appuswamy Road
Post Bag 7156
Opp. Nirmala College
Coimbatore 641 045
Tel: 0422-2588120, 2588121 / 3
Fax: 0422-2588148,
e-mail: esp-cbe@Lntebg.com

L&T House
Group MIG - 5
Padmanabhpur
Durg 491 001
Tel: 0788-2213833 / 14 / 28 / 29
Fax: 0788-2213820

A1/11, Astronauts Avenue
Bidhan Nagar
Durgapur 713 212
Tel: 0343-2536493 / 39
Fax: 0343-2536493
e-mail: esp-dgp@Lntebg.com

(Faridabad Switchgear Works)
12/4, Delhi-Mathura Road
Faridabad 121 003
Tel: 0129-2565147 / 8
Fax: 0129-2275405
e-mail: esp-fbd@Lntebg.com

Milanpur Road, Bamuni Maidan
Guwahati 781 021
Tel: 0361-2550565
Fax: 0361-2551308
e-mail: esp-gau@Lntebg.com

5-10-173, Fateh Maidan Road
P. O. Box 12
Hyderabad 500 004
Tel: 040-66720251
Fax: 040-23242356
e-mail: esp-hyd@Lntebg.com

D-24, Prithvi Raj Road
C-Scheme
Jaipur 302 001
Tel: 0141-2377374 / 2361064
Fax: 0141-2373280
e-mail: esp-jai@Lntebg.com

Akashdeep Plaza, 2nd Floor
P. O. Golmuri
Jamshedpur 831 003
Jharkhand
Tel: 0657-2340864, 2340308
Fax: 0657-2341250
e-mail: esp-jam@Lntebg.com

Skybright Bldg.
M. G. Road
Ravipuram Junction
Ernakulam
Kochi 682 016
Tel: 0484-4409422 / 23 / 24 / 25 / 26 / 27
Fax: 0484-4409430
e-mail: esp-cok@Lntebg.com

3-B, Shakespeare Sarani
Kolkata 700 071
Tel: 033-44002301 / 2 / 3 / 4 / 5, 44002572
Fax: 033-22821025
e-mail: esp-ccu@Lntebg.com

A28, Indira Nagar
Faizabad Road
Lucknow 226 016
Uttar Pradesh
Tel: 0522-4040905 / 903 / 904
Fax: 0522-2311671
e-mail: esp-Lko@Lntebg.com

Plot No. 518
4th Main Road
K. K. Nagar
Madurai 625 020
Tel: 0452-2537404 / 303
Fax: 0452-2537552
e-mail: esp-mdu@Lntebg.com

North Wing, Level II,
Gate 7, Powai
Mumbai 400 072
Tel: 022-67050505
Fax: 022-67051112
e-mail: esp-bom@Lntebg.com

8B, Farmland, Ramdaspath
Behind Hotel Radhika
Nagpur 440 010
Tel: 0712-2420641 / 24
Fax: 0712-2420619
e-mail: esp-ngp@Lntebg.com

32, Shivaji Marg, P.O. Box 6223
New Delhi 110 015
Tel: 011-51419500 / 1, 51419515
Fax: 011-51419600
e-mail: esp-del@Lntebg.com

L&T House, P.O. Box 119
191/1, Dhule Patil Road
Pune 411 001
Tel: 020-66033395 / 88 / 89
Fax: 020-26129586
e-mail: esp-pnq@Lntebg.com

3rd Floor, Vishwakarma Chambers
Majura Gate, Ring Road
Surat 395 002
Tel: 0261-2473726
Fax: 0261-2477078
e-mail: esp-sur@Lntebg.com

Radhadaya Complex
Old Padra Road
Near Charotar Society
Vadodara 390 015
Tel: 0265-6613611
Fax: 0265-2336184
e-mail: esp-bar@Lntebg.com

48-8-16, Dwarakanagar
Visakhapatnam 530 016
Tel: 0891-2755493, 2704928
Fax: 0891-2746075
e-mail: esp-viz@Lntebg.com

Product improvement is a continuous process. For the latest information and special applications, please contact any of our offices listed here.



Electrical Standard Products
Larsen & Toubro Limited
Powai Campus, Mumbai 400 072
Tel: 022-6705 0505
Fax: 022-67051324 / 1746
E-mail: esp@LNTEBG.com
Website: www.LNTEBG.com



LARSEN & TOUBRO LIMITED

It's all about Imagineering

Overall Dimension

