

SIEMENS

Betagard MCBs, RCCBs & DBs



With
SLR

All round protection guaranteed

Betagard MCB 5SL – Inspiring Safety

Answers for infrastructure.

www.siemens.co.in

Overview

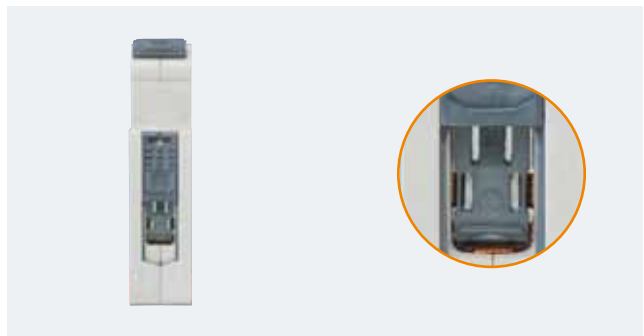
As a culture Siemens has always endeavoured to introduce innovative products worldwide. The Electrical Installation R&D team has now raised the bar with the introduction of Betagard 5SL Miniature Circuit Breaker. Manufactured and designed at the Siemens Aurangabad facility, Betagard 5SL – *Inspiring Safety*, sets a new benchmark for protection.

Loaded with numerous features, Betagard 5SL is the only patented MCB with a unique **SLR** (Slide Latch-Release) feature for tool free removal of MCB from DIN rail. It also allows single MCB removal from a bus mounted assembly of MCBs. Betagard 5SL MCB is ergonomically designed and allows user-friendly switching. ON-OFF Status is easily recognizable thanks to the color coded switching position indicator on its attractive grey lever. With highly effective touch protection against accidental contact, Betagard 5SL range is available in current rating upto 63A in B and C characteristics.

Features and Benefits



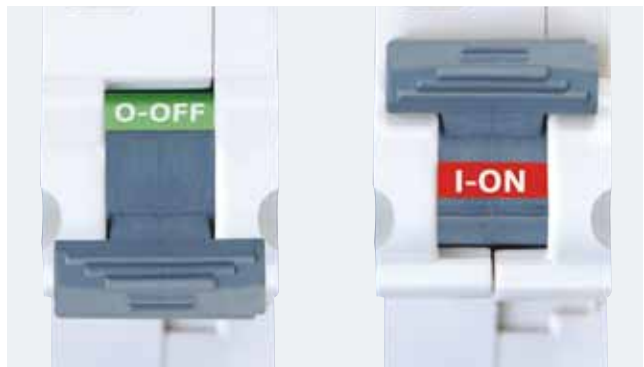
Ergonomically designed, with a user friendly lever for effortless switching



Highly effective touch protection against accidental contact



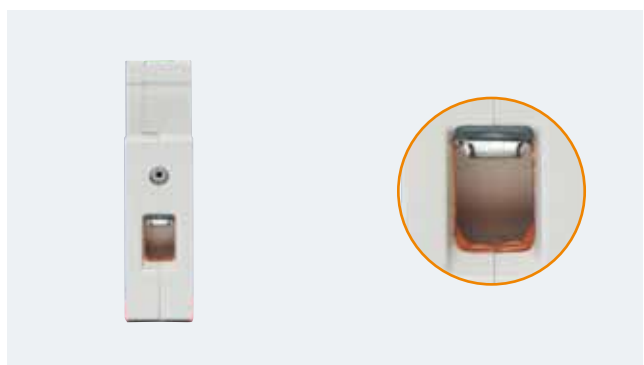
MCB with patented unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail. It also allows individual MCBs to be removed from bus mounted assembly



To highlight exact switching position, easily recognizable color coded ON-OFF is embedded on the attractive grey lever



BIS approval for ISI marking as per latest IS/IEC 60898:2002 for assured quality and protection



Uniquely designed square terminal to accommodate wire up to 35 Sqmm



Enables firm mounting of Bus bar together with wire and front access of wires for safer installation



Terminals can accommodate 2 wires of same cross section (Solid up to 2 X 10 mm² and finely stranded with end sleeve up to 2 X 4 mm²) without twisting wire strands facilitates easier and safe wiring



Side mounting accessories like auxiliary switches and fault signaling contacts available for special applications



Green product – Recyclable, low watt loss, free from hazardous material like CFC and silicon (ROHS)

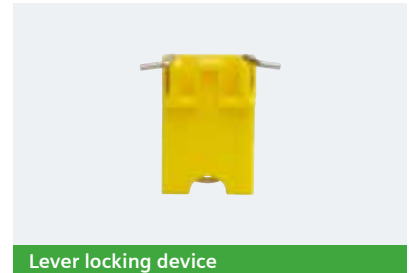
Accessories



Auxiliary switches (AS)



Fault signal contacts (FC)



Lever locking device

Technical Specifications

Standard		IS/IEC 60898-1:2002
Approvals		BIS (ISI Marked) License No. 2255548
Tripping Characteristics		B, C
Rated Voltage Un	V AC	240 / 415
Operational Voltage		
Min	VAC/DC	24
Max	V AC	260 / 480
Max	V DC/Pole	60
Rated Breaking Capacity (as per IS/IEC 60898-1)	kA AC	7.5
Touch Protection (Acc. To EN 50274)		yes
Degree of Protection		IP20
CFC and Silicon free		Yes
Conductor Cross Section (In addition to 1.5mm pin bus bar)		
Solid & Stranded	mm ²	0.75.....35
Finely Stranded	mm ²	0.75.....25
Mounting Position		Any

Betagard 5SL Miniature Circuit Breakers C Characteristics



Un: 240/415V, 50...60Hz can be used in systems upto 60V DC, 1P and 110V DC, 2P

Standards: IS/IEC 60898-1:2002

With ISI marking : CM/L No. 2255548

	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* in ₹	Std. Pkg. (Nos.)
	0.5	1	5SL61057RC	222.-	1/12
	1		5SL61017RC	222.-	1/12
	2		5SL61027RC	222.-	1/12
	3		5SL61037RC	222.-	1/12
	4		5SL61047RC	222.-	1/12
	6		■ 5SL61067RC	158.-	1/12
	8		5SL61087RC	158.-	1/12
	10		■ 5SL61107RC	158.-	1/12
	13		5SL61137RC	158.-	1/12
	16		■ 5SL61167RC	158.-	1/12
	20		■ 5SL61207RC	158.-	1/12
	25		5SL61257RC	158.-	1/12
	32		■ 5SL61327RC	158.-	1/12
	40		5SL61407RC	335.-	1/12
	50		5SL61507RC	386.-	1/12
	63		5SL61637RC	386.-	1/12
	0.5	2	5SL62057RC	605.-	1/6
	1		5SL62017RC	605.-	1/6
	2		■ 5SL62027RC	605.-	1/6
	3		5SL62037RC	605.-	1/6
	4		■ 5SL62047RC	605.-	1/6
	6		■ 5SL62067RC	491.-	1/6
	8		5SL62087RC	491.-	1/6
	10		■ 5SL62107RC	491.-	1/6
	13		5SL62137RC	491.-	1/6
	16		■ 5SL62167RC	491.-	1/6
	20		■ 5SL62207RC	491.-	1/6
	25		5SL62257RC	491.-	1/6
	32		■ 5SL62327RC	491.-	1/6
	40		■ 5SL62407RC	680.-	1/6
	50		5SL62507RC	805.-	1/6
	63		■ 5SL62637RC	805.-	1/6
	0.5	3	5SL63057RC	835.-	1/4
	1		5SL63017RC	835.-	1/4
	2		5SL63027RC	835.-	1/4
	4		5SL63047RC	835.-	1/4
	6		■ 5SL63067RC	735.-	1/4
	10		■ 5SL63107RC	735.-	1/4
	16		■ 5SL63167RC	735.-	1/4
	20		5SL63207RC	735.-	1/4
	25		5SL63257RC	735.-	1/4
	32		■ 5SL63327RC	735.-	1/4
	40		■ 5SL63407RC	1030.-	1/4
	50		5SL63507RC	1150.-	1/4
	63		■ 5SL63637RC	1150.-	1/4
	0.5	4	5SL64057RC	1195.-	1/3
	1		5SL64017RC	1195.-	1/3
	2		5SL64027RC	1195.-	1/3
	4		5SL64047RC	1195.-	1/3
	6		5SL64067RC	1015.-	1/3
	10		5SL64107RC	1015.-	1/3
	16		5SL64167RC	1015.-	1/3
	20		5SL64207RC	1015.-	1/3
	25		5SL64257RC	1015.-	1/3
	32		■ 5SL64327RC	1015.-	1/3
	40		■ 5SL64407RC	1325.-	1/3
	50		5SL64507RC	1520.-	1/3
	63		■ 5SL64637RC	1520.-	1/3

Note:

* MRP - Maximum Retail Price ■ Stock Items

1MW (Module Width) = 18mm

Betagard 5SL Miniature Circuit Breakers B Characteristics

Un: 240/415V, 50...60Hz can be used in systems upto 60V DC, 1P and 110V DC, 2P

Standards: IS/IEC 60898-1:2002

With ISI marking : CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* in ₹	Std. Pkg. (Nos.)
	1 Pole	1	5SL61066RC 5SL61106RC 5SL61166RC 5SL61206RC 5SL61256RC 5SL61326RC 5SL61406RC 5SL61506RC 5SL61636RC	144.- 144.- 144.- 144.- 144.- 144.- 315.- 355.- 355.-	1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12
	6		5SL62066RC	468.-	1/6
	10		5SL62106RC	468.-	1/6
	16		5SL62166RC	468.-	1/6
	20		5SL62206RC	468.-	1/6
	25		5SL62256RC	468.-	1/6
	32		5SL62326RC	468.-	1/6
	40		5SL62406RC	669.-	1/6
	50		5SL62506RC	754.-	1/6
	63		5SL62636RC	754.-	1/6
	2 Pole	2	5SL63066RC 5SL63106RC 5SL63166RC 5SL63206RC 5SL63256RC 5SL63326RC 5SL63406RC 5SL63506RC 5SL63636RC	728.- 728.- 728.- 728.- 728.- 728.- 1005.- 1127.- 1127.-	1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4
	6		5SL64066RC	995.-	1/3
	10		5SL64106RC	995.-	1/3
	16		5SL64166RC	995.-	1/3
	20		5SL64206RC	995.-	1/3
	25		5SL64256RC	995.-	1/3
	32		5SL64326RC	995.-	1/3
	40		5SL64406RC	1230.-	1/3
	50		5SL64506RC	1492.-	1/3
	63		5SL64636RC	1492.-	1/3
	3 Pole	3	5SL64066RC 5SL64106RC 5SL64166RC 5SL64206RC 5SL64256RC 5SL64326RC 5SL64406RC 5SL64506RC 5SL64636RC	995.- 995.- 995.- 995.- 995.- 995.- 1230.- 1492.- 1492.-	1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3
	6		5SL64066RC	995.-	1/3
	10		5SL64106RC	995.-	1/3
	16		5SL64166RC	995.-	1/3
	20		5SL64206RC	995.-	1/3
	25		5SL64256RC	995.-	1/3
	32		5SL64326RC	995.-	1/3
	40		5SL64406RC	1230.-	1/3
	50		5SL64506RC	1492.-	1/3
	63		5SL64636RC	1492.-	1/3
	4 Pole	4	5SL64066RC 5SL64106RC 5SL64166RC 5SL64206RC 5SL64256RC 5SL64326RC 5SL64406RC 5SL64506RC 5SL64636RC	995.- 995.- 995.- 995.- 995.- 995.- 1230.- 1492.- 1492.-	1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3
	6		5SL64066RC	995.-	1/3
	10		5SL64106RC	995.-	1/3
	16		5SL64166RC	995.-	1/3
	20		5SL64206RC	995.-	1/3
	25		5SL64256RC	995.-	1/3
	32		5SL64326RC	995.-	1/3
	40		5SL64406RC	1230.-	1/3
	50		5SL64506RC	1492.-	1/3
	63		5SL64636RC	1492.-	1/3

Accessories for Betagard 5SL

	Reference No	Unit MRP in ₹	Std Pkg (Nos)
Aux Contact 1NO+1NC	5ST3010	552.-	1
Fault Signalling contact	5ST3020	767.-	1
Rotary Handle	5ST38140RC	1070.-	1
Lever locking device for padlock with max. 6mm shackle	5ST3806	270.-	1

Note:

* MRP - Maximum Retail Price ■ Stock Items

1MW (Module Width) = 18mm

Your partners

Sales offices:

Ahmedabad
3rd Floor, Prerna Arbur
Girish Cold Drinks Cross Roads, Off G.C.Road
Ahmedabad - 380 009
☎ : +91 79 30927600
Fax: +91 79 30927699

Baroda
3rd Floor, OHM Business Park
Opp:Balaji Hospital, Ellora Park, Shubhanpura
Baroda - 390 023, Gujarat
☎ : +91 265 3039100
Fax: +91 265 3039190

Bengaluru
1st Floor, Jyoti Mahal, No. 49, St. Marks Road
Bengaluru - 560 001
☎ : +91 80 33422000
Fax: +91 80 33424131

Bhubaneswar
Creative Plaza, 3rd Floor, Mouza Bomikhal
(Rasulgarh Square), PS Mancheswar
Bhubneswar - 751 010, Orissa
☎ : +91 98300 05795

Territory managers:

Aurangabad
A9, Yogeshwari Vrundavan, Nr. Malhar Chowk
Garkheda Parisar, Prem Nagar
Aurangabad - 431210, Maharashtra
Mobile: +91 9766316446
E-mail: santosh.rajhans@siemens.com

Belgaum
H.No.713, Narvekar Lane, Shahpur
Belgaum - 590003, Karnataka
☎ : +91 0831 2495156
Mobile: +91 9740277991
E-mail: anand.gawade@siemens.com

Bhopal
Flat No-104, Sagar Home Phase-2
Sarvadharm Society, Nayapura Road
Bhopal - 462042, Madhya Pradesh
Mobile: +91 9977228084
E-mail: prajwal.khapekar@siemens.com

Calicut
Door No. 19/C - 192 CPM House
Naderi (PO), Koyilandy (via)
Calicut - 673326
☎ : +91 9645963636
E-mail: ragesh.r@siemens.com

Cochin
K.G.Oxford Business Centre
3A, Shreeekandath Rd, Ravipuram
Cochin - 682016
☎ : +91 4028611/22
Mobile: +91 9387384848
E-mail: sudheer.ts@siemens.com
Mobile: +91 9744511109
E-mail: sajeen.s@siemens.com

Dehradun
32, Dhronpuri, Main Lane, G.M.S.Road
Deharadun - 248001, Uttarakhand
☎ : +91 135 2528212
Mobile: +91 8650404404
E-mail: shashibhushan.prasad@siemens.com

Durg
Pancham Nivas, B-1, Zone-2, New Adarsh Nagar
Durg - 491001, Chhattisgarh
Mobile: +91 9425016197
E-mail: jitendra.potdar@siemens.com

Durgapur
14, Dinabandhu Mitra Path
Near Kavi Guru Middle Stop
SAIL Co-Operative Area, City Centre
Durgapur - 713216
Mobile: +91 9874343052
E-mail: rana.mitra@siemens.com

Goa
435/10, F2 Bhanumati Bunglow
Opp. Sapna Habitat, Chogum Road, Porvorim
Bardez, Goa - 403521
☎ : +91 9860053365
E-mail: mitul.kapadia@siemens.com

Guwahati
House No. 20, Ushanagar, Dispur Supermarket
Guwahati, Assam - 781006
☎ : 0361-2230836
Fax: 0361-2230836
Mobile: +91 9864110684
E-mail: biplab.datta@siemens.com

Chandigarh
SCO 188/191, 3rd Floor, Sector-17 C
Chandigarh - 160 017
☎ : +91 172 4690300
Fax: +91 172 4690399

Chennai
Sathak Centre, No.4., Mahatma Gandhi Road
Chennai - 600034
☎ : +91 44 30474000
Fax: +91 44 30474088

Coimbatore
7th Floor, Global Towers
1057, Avinash Road
Coimbatore - 641 018
☎ : +91 422 3076300
Fax: +91 422 3076310

Gurgaon
Plot No -78, Tower –B
Jagatjit Industries Building (JIL)
Opposite SBI Academy, Sector-18
Gurgaon - 122015
☎ : +91 124 2842000, 3810200

Haridwar
6, Nand Puri, Near Arya Nagar Chowk, Jwalapur
Hardwar - 249407, Uttarkhand
☎ : +91 1334 251943
Mobile: +91 9897070133
E-mail: ankur.singh@siemens.com

Haridwar
47, Abhisek Nagar, Kankhal
Haridwar - 249408, Uttarakhnad
Mobile: +91 9621083333
E-mail: kumar.pradeep@siemens.com

Hubli
24, 1st Floor, 2nd Cross Street
Kadeswar Colony, Kheswapur
Hubli - 580023, Karnataka
☎ : +91 836 2252947
Mobile: +91 9880662047
E-mail: balajim@siemens.com

Indore
Flat No.102, Panchavati Apart.
40 Chandralok Colony, Khajrana Road
Indore - 452001, Madhya Pradesh
Mobile: +91 9926939993
E-mail: prashant.joshi@siemens.com

Jalandhar
H.No.943, Urban Estate, Phase I
Jalandar - 144022, Punjab
☎ : +91 0181 4613929
Mobile: +91 9876047929
E-mail: sunil.singla@siemens.com

Jamshedpur
823, Udaigiri Vijaya Heritage, Uliyan, Kadma
Jamshedpur - 831005, Jharkhand
☎ : +91 657 6451637
Mobile: +91 9934311352
E-mail: shaibal.parial@siemens.com

Jodhpur
371, Gauri House
Kamala Nehru Nagar, Nr. SBI Bank
Jodhpur - 342008, Rajasthan
☎ : +91 291 2760371
Mobile: +91 9828327200
E-mail: naveen.sahariya@siemens.com

Kanpur
Flat No.403, Gulmohar Garden Phase II
Nr. Mariampur Hosp., Chain Factory, Shastri Nagar
Kanpur - 208005
Mobile: +91 8009900939
E-mail: shagun.gupta@siemens.com

Kolhapur
Flat No.101, Shrushti Mahabharat Apartment,
Mahavir Garden To Mahavir College Road
Nagala Park, Kolhapur - 416003
☎ : +91 231 2663330
Mobile: +91 9881465421
E-mail: sachin.chavan@siemens.com

Ludhiana
H.No.92, Lajpat Nagar, Near Bus Stand
Ludhiana - 141002, Punjab
☎ : +91 0161 2770574
Mobile: +91 9815502480
E-mail: rohit.jagga@siemens.com

Hyderabad
5-9-19, 4th & 5th Floor, Laxmi Narasinh Estate
Opp. Secretariat Road, Saifabad
Hyderabad - 500 004
☎ : +91 40 30922500
Fax: +91 40 30923145

Jaipur
6, Park Street, Opp. Pink City Petrol Pump, M.I.Road
Jaipur - 302 006, Rajasthan
☎ : +91 141 5152108
Fax: +91 141 2370482

Kolkata
43, Shanti Palli, RashBehari Connector
Eastern Metropolitan Bypass
Kolkata - 700 042
☎ : +91 33 30939000
Fax: +91 33 30939010, 30939013

Lucknow
28/45, Ashok Marg, Opp. Indira Bhawan
Lucknow - 226001
☎ : +91 522 4031022, 4031000
Fax: +91 522 4031019

Ludhiana
H.No. D-29, New Kitchlu Nagar
Ludhiana
Mobile: +91 9878098612
E-mail: amitoj.singh@siemens.com

Ludhiana
H.No.30, 1st Floor, Gobind Nagar, Pakhowal Road
Ludhiana - 141013, Punjab
Mobile: +91 9888484066
E-mail: padam.sharma@siemens.com

Madurai
Anirudh Block F-Top 3, Vasudhara Apartment
84, TPK Main Road, Andalpuram
Madurai - 625003, Tamil Nadu
Mobile: +91 9894617776
E-mail: sivaprakasam.r@siemens.com

Nashik
"Aditya Avenue", Flat No.27, 4th Floor B-Wing
Near Chandak Circle, Tidke Colony
Nasik - 422001, Maharashtra
Mobile: +91 9822193204
E-mail: kiran.kanhurkar@siemens.com

Nashik
A-12, Eshwar Park, Behind Nasik Cambridge School
Opp. Church, Indira Nagar
Nasik - 422009
Mobile: +91 9823477735
E-mail: ramshankar.chaudhari@siemens.com

Pondicherry
"Raghavendra ILLAM", Gnd Floor, No 21
3rd Cross Street, Anna Nagar
Pondicherry - 605005
Mobile: +91 9840143536
E-mail: lakshmanan.s@siemens.com

Rajkot
"Vrujraj", Chandanpark Society
Opp. Gyanganga Vidhyapith, Nr. Raiya Circle
Rajkot - 360005, Gujarat
Mobile: +91 9825021026
E-mail: hiren.raythatha@siemens.com

Ranchi
HI-187, Harmu Housing Colony, Harmu
Ranchi - 834002, Jharkhand
Mobile: +91 9234610953
E-mail: sourav.dasgupta@siemens.com

Renukoot
Above ICICI Prudential Office, Patel Nagar
Murdhawa, Distt. Sonabhadra
Renukoot - 231217, Uttarpradesh
☎ : +91 5446 254693
Mobile: +91 9838007897
E-mail: bhav.srivastava@siemens.com

Rourkela
Plot No. LCR 618, 1st Phase Chhend
Rourkela - 769015
Mobile: +91 9438529778
E-mail: samir.chintak@siemens.com

Rudrapur
House No.16, Near Hero Honda Showroom
Model Colony, Rudrapur - 263153, Uttarakhand
☎ : +91 05944 245557
Mobile: +91 9839813707
E-mail: singh.ajay@siemens.com

Mumbai
Business Centre-1
Thane Belapur Road
Thane - 400 601
☎ : +91 22 39663000
Fax: +91 22 39663721

Nagpur
5th Floor, Land Mark Building
Wardha Road, Ramdas Peth
Nagpur - 440 010
☎ : +91 712 3093000
Fax: +91 712 3093111

Pune
Tower B/701-705, ICC Trade Tower
403A, Senapati Bapat Road
Pune - 411016
☎ : +91 20 30466000
Fax: +91 20 30466060

Vishakhapatnam
2nd Floor, 30-8-47, Lakshmi Narasimha Towers
Banu Street, Daba Gardens
Visakhapatnam - 530 020, Andhra Pradesh
☎ : +91 891 3050 200
Fax: +91 891 3050 222

Salem
3/25, Santosh Nagar, PACB Backside
Chinnathirupathi, Salem - 8
☎ : +91 0427 2401981
Mobile: +91 9894617772
E-mail: rubengerald.s@siemens.com

Surat
32, 33, Dattatrey Society, Mora Bhagal Char Rasta
Rander Road, Surat - 395005, Gujarat
Mobile: +91 9879510191
E-mail: chintan.naik@siemens.com

Surat
304, Shreeji Apt., Devikrupa Society
Opp. Dholakia Garden, Katargam
Surat - 395004, Gujarat
Mobile: + 91 9727713634
E-mail: tarang.shah@siemens.com

Surat
Flat No. 202, D-1, Suryam Residence
Cause Way Road, Opp. Hari Darshan
Shinganpor-Dabholi Road, Katargam
Surat - 395004, Gujarat
Mobile: +91 9925001779
E-mail: chandrakant.keshrani@siemens.com

Trichy
Door No.106, Grd Flr., 5th Cross Street
Vidyalalai Road, Ganapathy Nagar, Thiruvanani Koil
Trichy - 605005
☎ : +91 0431 4345621
Mobile: +91 9840843121
E-mail: k.saravanakumar@siemens.com

Trivandrum
Udayakaran, T.C.No.28/535, Krishnakovil Road
Kaithamukku, Trivandrum - 695024, Kerala
Mobile: +91 9895979604
E-mail: antony.john@siemens.com

Udaipur
303, Oasis Park, PP Singhal Marg, Ambavgarh
Udaipur - 313001, Rajasthan
☎ : +91 294 2430345
Mobile: +91 9829039120
E-mail: ajit.parashar@siemens.com

Vapi
Flat No.302, Samraja IV, Royal Residency
Gokul Vihar Township, Charwada Road
Vapi - 396195, Gujarat
Mobile: +91 9825147957
E-mail: sachin.paradkar@siemens.com

Vapi
Flat No.203, Plot No.55, Kadri Manzil
Godal Nagar, Distt.Valsar, Vapi - 396191
Mobile: 91 9601267911
E-mail: muneer.shaiikh@siemens.com

Vijayawada
D.No.37-1-19B, Badavapet, John Street
Vijayawada - 520010, Andhra Pradesh
☎ : +91 866 3060833
Mobile: +91 98664 63639
E-mail: udaya.p@siemens.com

Siemens Ltd.
Infrastructure & Cities Sector
Low Voltage Global Products
R&D Technology Centre
Kalwa Works, Thane Belapur Road
Thane - 400 601
Fax: +91 22 33265627
E-mail: globalproducts.in@siemens.com

www.siemens.co.in

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Customer Care Toll free no.
1800 220 987 / 1800 209 987
Email: adscs.india@siemens.com

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