Salzer Electronics Limited





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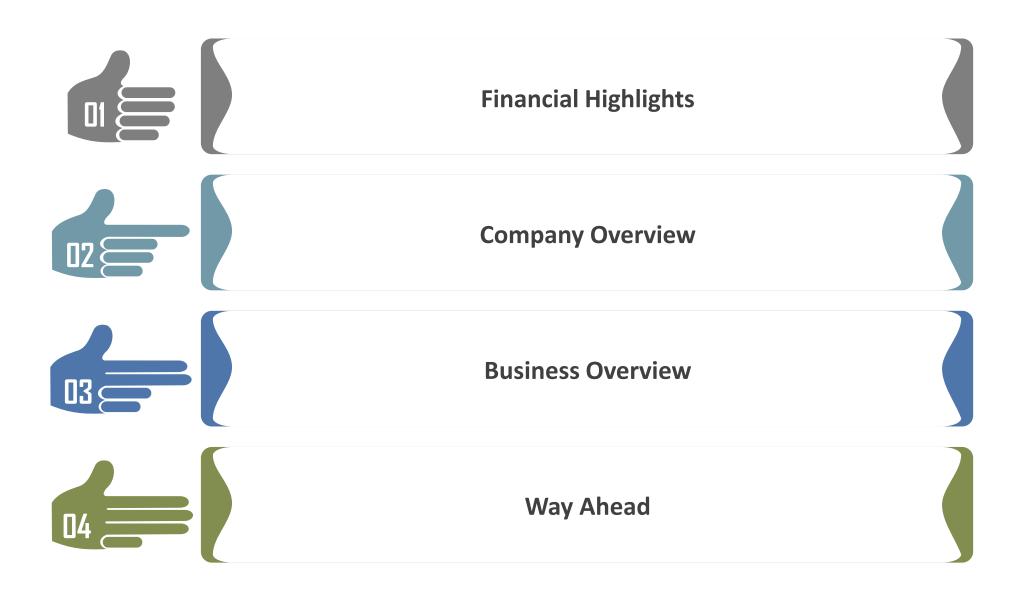
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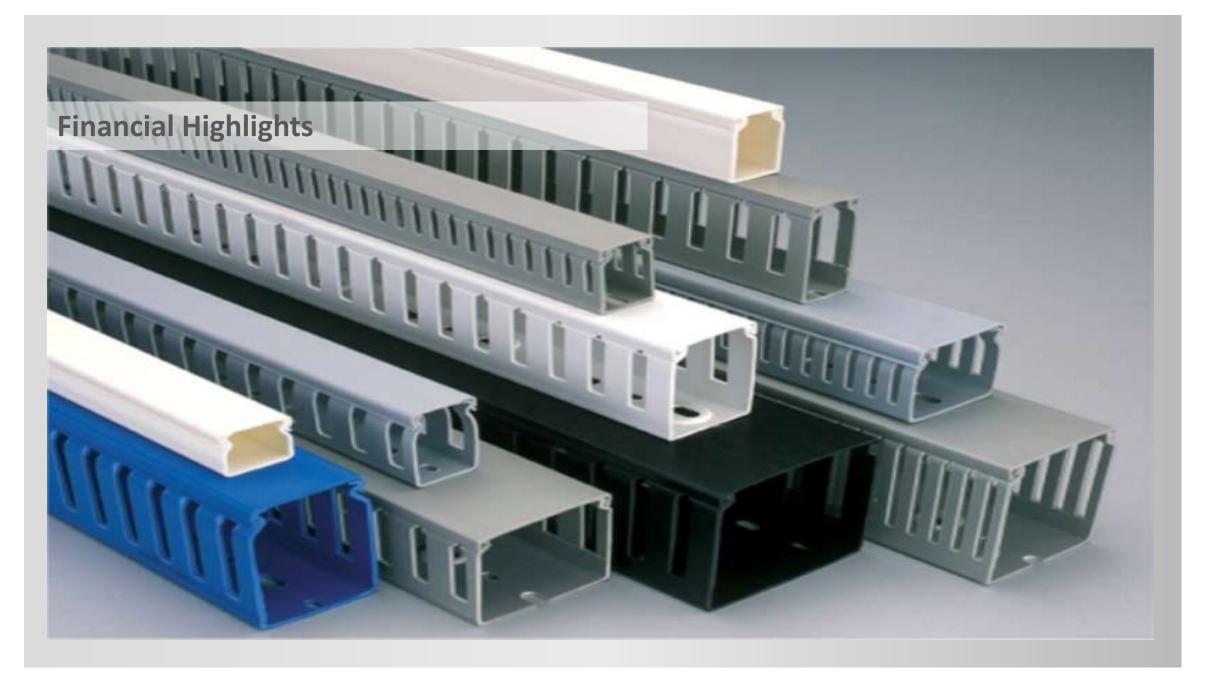
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Joint Managing Director's Message





Commenting on the results, Mr. Rajesh Doraiswamy, Joint Managing Director, said:

"I am happy to share that this quarter once again, we have demonstrated good growth in our revenues, despite a challenging industry scenario domestically especially in the industrial switchgear market. This growth has been predominantly driven by increase in demand of our products under building and industrial switchgear segments. Our building segment has grown more than 190% YoY, as we have added new products in this segment and increased our retail presence in India.

Our legacy products under industrial switchgear segments like rotary switches and toroidal transformers have continued to show robust growth. We have seen good demand and uptick in our other two new products namely three phased try type transformers and wire harness.

Our focus always remains on adding new high margin products, reach out newer geographies and offer customized solutions to our clients. We are constantly looking for new opportunities for technical associations/acquisition to strengthen our base of product offering."

Q2 FY19 Financial Highlights*



Rs. in Crore	Q2 FY19	Q2 FY18	Y-o-Y %	Q1 FY19
Total Income from Operations	134.7	100.7		126.5
Excise Duty	0.0	0.0		0.0
Net Revenue	134.7	100.7	33.7%	126.5
Raw Materials	98.5	72.8		96.1
Employee Cost	6.7	5.1		5.9
Other Expenses	12.8	9.9		10.5
Total Expenditure	118.0	87.8		112.5
EBITDA	16.7	12.9	29.5%	14.0
EBIDTA Margin (%)	12.40%	12.81%		11.05%
Other Income	0.1	1.3		0.2
Depreciation	3.3	2.3		3.1
Interest / Finance Cost	4.8	3.5		4.7
Profit Before Tax	8.8	8.5		6.3
Tax	3.2	2.7		1.8
Profit After Tax	5.6	5.8	(3.3%)	4.5

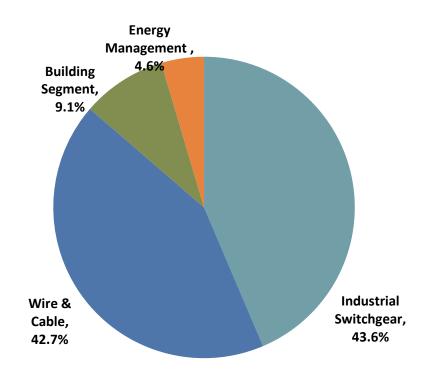
- Revenue
 predominantly
 driven by
 organic growth
 in Industrial
 Switchgear and
 building
 segments,
 despite a
 challenging
 industry scenario
- Growth across all business segments leading to increase in EBITDA

* Numbers as per Ind AS guidelines

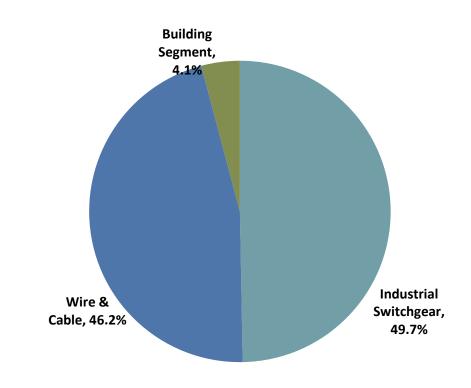
Q2 FY19 Revenue Breakup – Business Verticals*







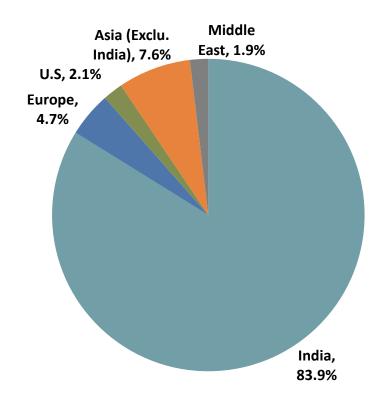
Q2 FY18



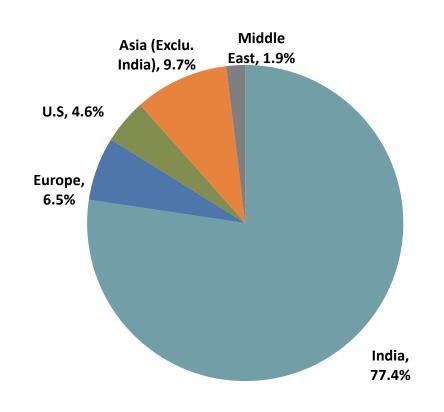
Q2 FY19 Revenue Breakup – Geographical*



Q2 FY19



Q2 FY18



Key Financial Highlights – H1 FY19













PAT Rs 10.2 crore

- Increase in Revenue driven across all business segments
- Better product mix and increase in product offerings leading to increase in EBITDA margin YoY

* Numbers as per Ind AS quidelines

H1 FY19 Financial Highlights*



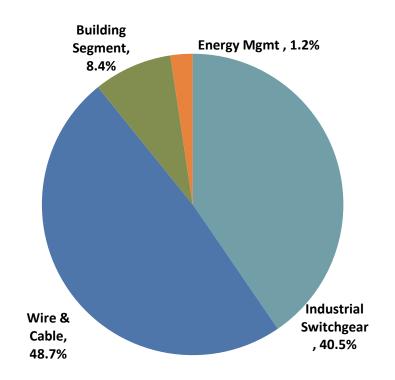
Rs. in Crore		H1 FY19	H1 FY18	Y-o-Y %
Total Income from Operations		261.2	215.9	
Excise Duty		0.0	10.6	
Net Revenue		261.2	205.3	27.2%
Raw Material Expenses		194.6	150.9	
Employee Expenses		12.6	9.8	
Other Expenses		23.3	21.2	
Total Expenditure		230.5	181.9	
EBITDA		30.7	23.4	31.1%
EBITDA Margin		11.75%	11.40%	35 bps
Other Income		0.3	3.4	
Depreciation		6.4	5.0	
Interest / Finance Cost		9.4	7.5	
РВТ		15.2	14.3	
Tax		5.0	4.5	
PAT		10.2	9.9	2.9%

* Numbers as per Ind AS guidelines

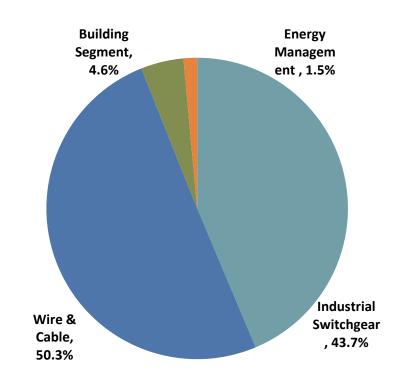
H1 FY19 Revenue Breakup – Business Verticals*



H1 FY19



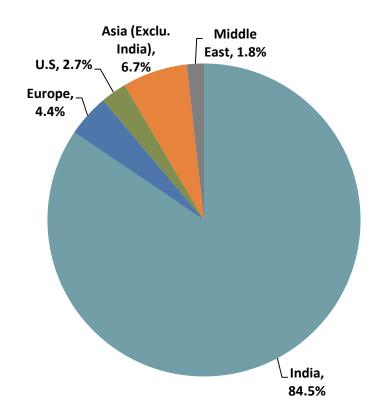
H1 FY18



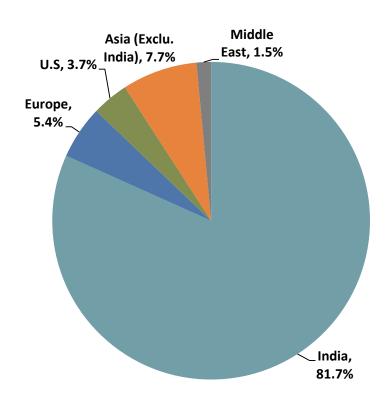
H1 FY19 Revenue Breakup – Geographical*



H1 FY19



H1 FY18



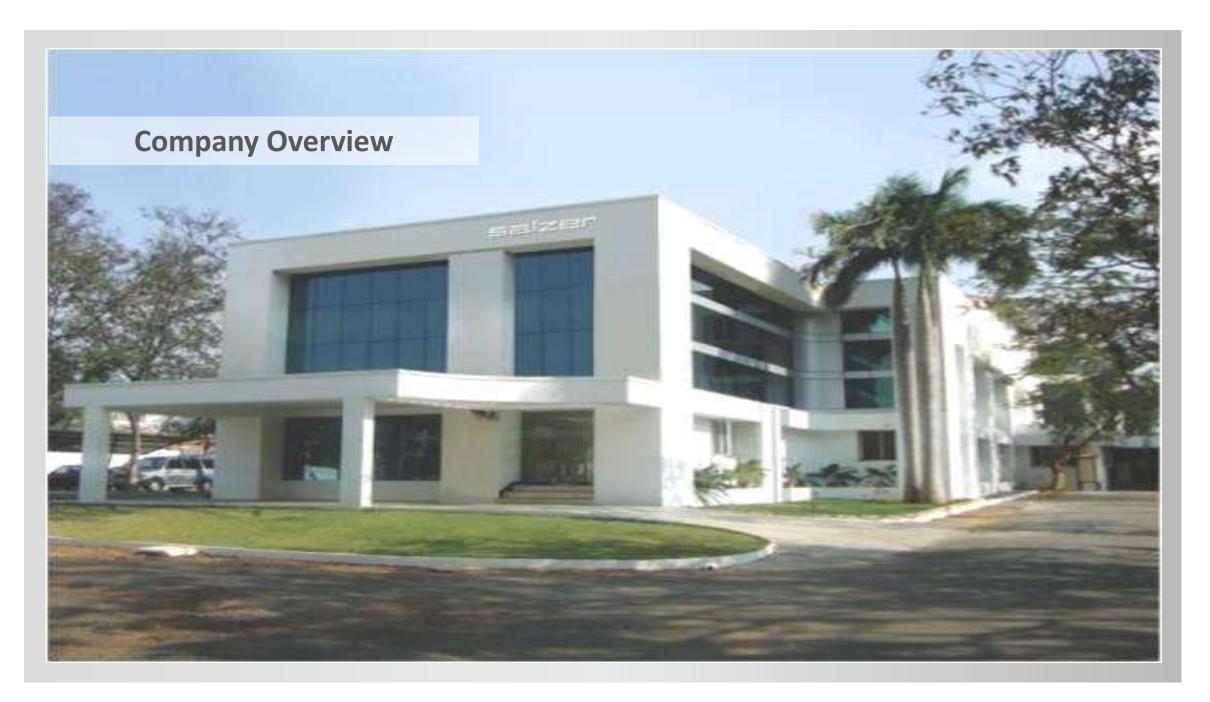
Balance Sheet as on 30th Sept'18



Rs. Crs	As on 30 th Sept'18	As on 30 th Sept'17
Equity	275.6	243.6
Equity Share Capital	15.9	14.5
Other Equity	259.7	229.1
Non-current liabilities	27.2	29.0
Financial Liabilities		
(a) Borrowing	4.0	9.4
Provisions	0.4	0.3
Deferred Tax Liabilities (Net)	22.8	19.3
Current liabilities	256.5	203.2
Financial Liabilities		
(a) Borrowing	117.7	102.4
(b) Trade Payables	64.0	29.3
(c) Other Financial Liabilities	11.8	11.1
Other Current Liabilities	58.5	57.0
Provisions	0.6	0.3
Current Tax Liabilities (Net)	3.9	3.0
Total Equities & Liabilities	559.3	475.8

Rs. Crs	As on 30 th Sept'18	As on 30 th Sept'17
Non-current assets	213.4	187.8
Property, Plant and Equipment	169.3	140.6
Capital work in progress	1.7	8.5
Investment Property	0.0	0.0
Intangible Assets	4.5	1.7
Financial Assets		
Investments	0.7	1.4
Trade Receivables	18.6	31.3
Others	15.5	1.4
Other non Current Assets	3.1	2.9
Current assets	346.0	288.0
Inventories	139.7	94.8
Financial Assets		
Investments	2.5	2.0
Trade Receivables	122.3	114.5
Cash & Cash Equivalent	9.1	10.5
Bank Balance other than above	9.4	5.2
Loans	38.9	40.3
Other Financial Assets	2.9	2.9
Other Current Assets	21.1	17.7
Total Assets	559.3	475.8

* Numbers as per Ind AS guidelines



Company Overview



Leading player offering total and customized electrical solutions

- Presence in Industrial Switchgears, Wires & Cables and Energy management business
- Largest manufacturer of Cam Operated Rotary Switches Market leader with 25% share

Extensive Product portfolio across verticals with In-house manufacturing facilities

- 4 manufacturing units located in Tamil Nadu
- More than 15 products catering to Industrial / Building / Automobile verticals

Wide Distribution network – local and global

- Own distribution network local and global – export to 50 countries
- Access to L&T's local network through more than 350 distributors



Strong focus on product development and innovation

Registered Patent for Rotary Switches,5 product patents in process

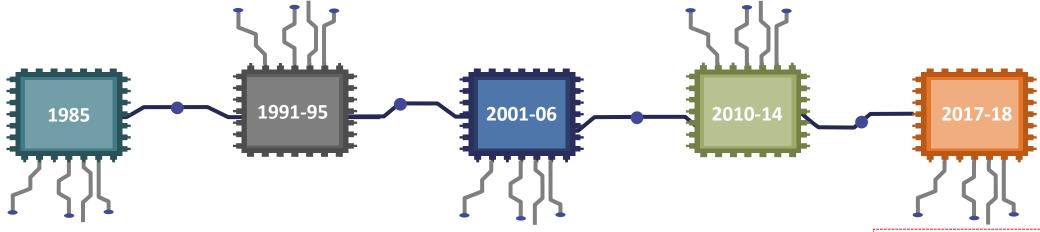
Consistent Dividend Payout Track Record for past 18 years

From a Single Product Company...



- Unit I (Coimbatore) –
 manufacture contactors,
 relays, panels, energy savers
- Starting of long term association with L&T
- Technical collaboration with Plitron for manufacture of Toroidal Transformers
- 1st Indian company to bring technology to India

- Leading player offering total and customized electrical solutions
- More than 15 different products
- 2,000 employees
- 4 manufacturing units
- Foray into tailor made products and branding for large customers
- Specialized panels for OEMs



 Established to manufacture of CAM operated Rotary Switches

- Unit III manufacture modular switches
- Started Wire & Cable manufacturing for L&T

- Started commercial production of Three Phase Dry Type Transformers
- Acquired Salzer Magnet Wires

Professional Management





R.Doraiswamy Managing Director



- Core Promoter for over 2 decades of experience
- Qualified Electrical Engineer and Technocrat Entrepreneur
- Vast Experience in Foreign Collaboration & wide global contacts



D.Rajeshkumar **Joint Managing Director**

- Electrical Engineer, India; Post Graduate in Business Management, US
- JMD and CEO of Company responsible for driving the vision of company



S.Baskarasubramanian **Director-Corporate Affairs & CS**

- Qualified Company Secretary & member of FCS India
- Wide experience in company law/ corporate affairs



P.Sivakumar **GM – Marketing Corporate**

- Bachelors in Engineering with 22 years of experience
- Responsible for Sales & Marketing division



M Laksminarayana **GM** - Operations

- B.E (Electrical) with 17 years of experience
- Responsible for Production, Planning, Inventory Management, Maintenance & General Administration



D.Govindaraj Sr. Manager-Corp. Accounts & **Projects**

- Masters in Commerce, DLL and DTL with 26 years of experience
- Responsible for project finance and corporate accounts



R Karunakaran Sr. Manager -PR & Central Excise

- BSc, Diploma in Marketing Management with 24 years of experience
- Responsible for Central Excise and Public Relations of Company

Led by a 13 members experienced Board

Business Overview

















Business Overview



Copper products

- Wires & Cables
- Flexible Bus Bars
- Enamelled Wires
- Bunched Conductors
- Tinned Copper Wires

Energy Management products

- Energy Savers
- Street Light Controllers

Industrial Switch Gear Products

- Transformers
- Terminal Blocks
- Rotary Switches
- Isolators
- General Purpose relays
- Wiring Ducts
- MPCB's
- Contactors & OLR's
- Control Panels
- Wire Harness

Building products

- Modular Switches
- Wires & Cables
- MCB's
- Changeovers

Wide Product Suite – Industrial Switch gears



Products	Features	
Cable Ducts/ Wire Ducts	 More than 75 sizes India's largest RoHS and Halogen Free Ducts UL and CSA Listed 	
Rotary Switches	 6A to 400 Amps > 2500 ranges UL & CB Tested 	
Isolators (Dis-connectors)	 16 to 250 Amps UL 50 rated Enclosed mounting Changeover Switches DC – PV Isolators CB Tested 	
General Purpose Relays	Plug-in, PCB and Solder type 1 Amp to 100 Amps	
Load Break Isolators & Changeovers	 16 to 250 Amps Multiple mounting options, ABS / Aluminium / Sheet Steel enclosures / IP65 / NEMA Rated Upto 8 poles 	
Limit & Foot Switches	Available in Normal / Snap action typesFrom Light to Heavy duty applications	
Terminal connectors	 2.5 to 95 sq mm Screw-less Terminals All Accessories UL Listed 	
Customized Control Panel	Electrical PanelsSCADA Panels	300

Wide Product Suite – Industrial Switch gears



Products	Features	
Contractors & Overload Relays	 16 to 250 Amps UL 50 rated Enclosed mounting Changeover Switches DC – PV Isolators CB Tested 	
Motor Protection Circuit Breaker(MPCB)	Two Frames 0.1 amps to 63 Amps Type F Co-ordinated UL Listed	
Miniature Circuit Breaker(MCB's)	High PerformanceEasy InstallationNo Overload& Short Circuit	
CT's & Rogowski Coils	CT'sRogowski Coils of Class 0.5%	8
Inductors, Chokes & Filters	 Custom Built High frequency Inductors, & Chokes 	
Single Phase Toroidal Transformers	 15va to 60 Kva 1 and 3 Phase Custom built Assemblies Wide CT Range UL Listed 	
Three Phase Laminations Transformers	 Lamination Transformers upto 800 KVA 	

Wide Product Suite – Building Products



Products	Features	
Automatic Source Changeover with Current Limiter	 Unique - patented design - Contactor based ACCL Heavy Duty - AC 32A and AC22A utilization category 	All All Andrews (All Andrews (A
Distribution Board	Easy to InstallUser FriendlyDurable	
Miniature Circuit Breakers(MCB)	 High Performance – 10KA Easy Installation No Overload& Short Circuit 	
Modular Switches & Speciality	 Contemporary & Aesthetically Sleek Modular 10, 20 & 32 Amps AC suitable for Standard Anti Spark shield & Finger Protected 	
Movement Sensors	Detects intrusion in all directionsAdjustable time/lux	
Remote Switches	Compact DesignHigh PerformanceLow Maintenance	
Single Phase Motor Starter	 Controls voltage fluctuation Protection against phase imbalance and reversal 	
House Wires	 From 0.5- 240 Sq mm Single & Multi Core FR, FRLS, Halogen Free UL Listed 	

Wide Product Suite – Copper Products



Products	Features	
PVC Insulated Copper wires & Cables	From 0.5- 240 Sq mm Single & Multi Core FR, FRLS, Halogen Free UL Listed	
Flexible Busbars	Upto 1000 Amps Only Manufacturer in India UL Listed	
Wire Harness	 Power Cable Harness Control cable harness RoHS Compliant 	
Enameled Copper Wire	 0.3 to 3 mm (9-29 AWG) Upto 200 Deg Cent UL Listed 	
Bunched Copper Conductors	 Flexible Rerouting Low Power Loss Low Maintenance Cost 	
Tinned Copper Wires	 High electrical and thermal conductivity Highly flexible wires Soft and annealed Highly conductive 	

Wide Product Suite – Energy Mgmt. Services





Street Light

Controllers





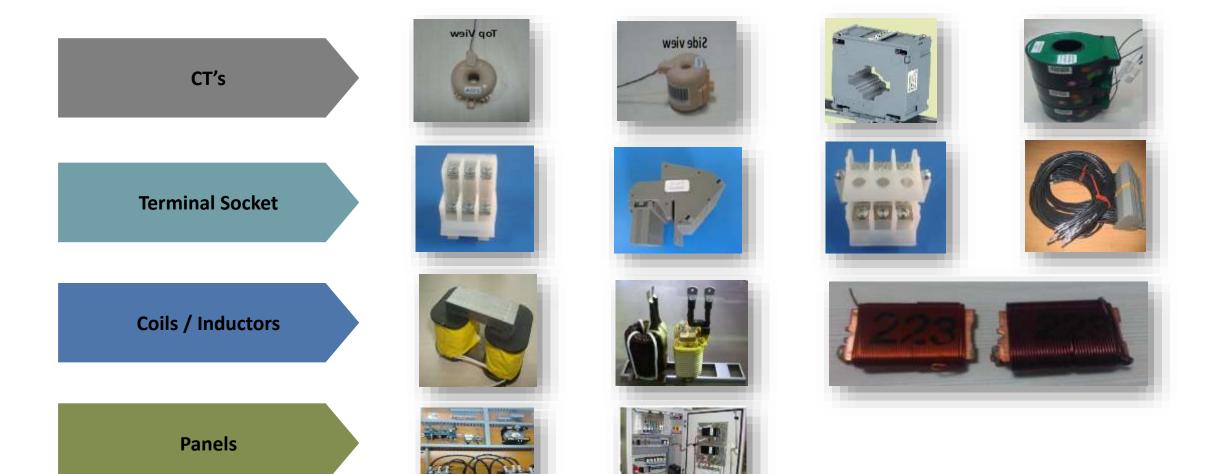
- Increases lamp-life by an average of 20% for HPSV lamps
- 30% reduction in energy consumption under normal working conditions
- Reduces the power consumption by optimizing the voltage to the lamps
- State of the art GSM/ GPRS technology is used for monitoring and controlling the street lights
- Eco-Friendly: SES reduces the emission of CO and is eligible for Carbon Credits

- Automatic On/Off based on Sunrise/Sunset or on programmed timings
- Wireless control and monitoring through sophisticated web-based/ Terminal based software
- Reduces operational, maintenance and running cost
- Detection of Energy theft or leakage
- Maintains a high power factor of above 0.85
- Eco-friendly First in India to adhere to RoHS compliance

A sophisticated street lighting & energy saving system at your door step

Wide Product Suite- Customised for OEM's





In-house manufacturing and R&D enables superior customization of products

Key Strengths



Complete Backward Integration

- In-house manufacturing facilities with process capabilities ensures better product development and customization
- Well developed R&D enables continual product innovation

Strong Customer Relationships

- Strong customer relationships across the world
- Preferred supplier to GE, Schneider and only approved supplier of Nuclear Power Corporation
- Largest supplier of rotary and load break switches to Indian Railways



Wide Product Suite

- Amongst few players in India, to offer total & customized electrical solutions
- Wide product basket 15 products developed in-house
- Largest manufacturer and market leader in CAM operated rotary switches

Advanced Engineering Capabilities

- Strong engineering capabilities backed by in-house manufacturing and R&D team
- Technical collaboration with Plitron for Toroidal transformers 1st company to bring technology to India, Joint Venture with C3Controls for contactors and relays
- Resulting in all products been international certified and universal acceptance

Wide Distribution Network

- Wide distribution network international and domestic
- Tie up with L&T access to over 350 dealers in India; own network for modular switches with 50 stockist in 4 southern & western states
- Direct network across 50 countries with 40 international distributors

Four Manufacturing facilities...



<u>UNIT I</u>



- Rotary Switch
- Contactors & Relays
- Panel Assembly
- Lighting Energy Savers
- Automatic Meter Reading
- Three Phase Dry Type Transformers

UNIT 2



- Toroidal Transformers
- Isolators (Dis-connectors)
- Terminals
- Wiring Ducts
- MPCB
- Wire Harness
- 3 PH Transformers

<u>UNIT 3</u>



Wiring Accessories

UNIT 4



- Wires & Cables
- Flexible Bus Bars
- Bunched Conductors
- Tinned Wires

...With In-house process capabilities...







- Full fledged Type testing laboratory
 - Loads up to 500Amps
 - Environmental test chamber for humidity test
 - Salt spray test & all other basic tests as per UL Standards

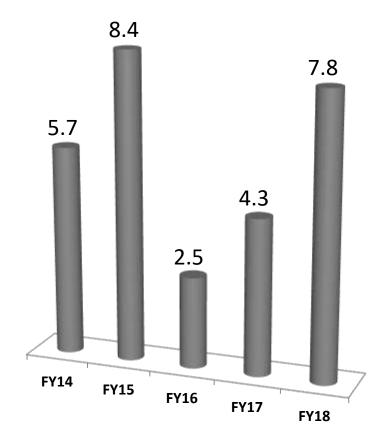
- In-house tool room facility for manufacturing and servicing of Moulds and press tools
 - CNC Wire Cut Machines and Spark erosion machines
 - CNC Machining center, EDM Drilling
 - Conventional machines
 - Latest digital measuring equipment
 - Inspected and certified by GE Tool Divisionca

More than 80% components made in-house

...And a strong R&D team



R&D expenses (Rs crore)



- In-house R&D Center
 - More than 35 engineers
 - Recognized by Department of Science, Govt of India
- Patented Rotary switches
- 5 patents in process
 - Manual Single Phase Starter with no voltage tripping, Energy Saver System for Street Lighting, Integrated ammeter / volt meter selectro CAM operated rotary switch, Track Feed Battery Change Over System and Fuse Automatic Changeover System
- 1st of its kind product in India
 - Designed and manufactured Load Break Switches, Single Hole Mounting Switches, Halogen Free Cable Ducts, Flat Wire Ducts, Flexible Bus Bars etc

Continuous product innovation

Internationally certified





ISO 9001



ISO 14001



ISO 18001



CE Certification



UL Certification



CB certification by IE

CB certification



RoHS



Intertek Semko approval



CSA Certification

... Across entire product portfolio

Blue Chip Customers











































- Marketing Tie-up with L&T for Indian Market
- Largest supplier of rotary & load break switches to **Indian Railways**
- Branding partner to various large OEM's in India

- Technical Tie-up with American Company C3Controls, to manufacture & market contactors & over load relays.
- Technical Tie-up with Trafomodern for Three Phase **Transformers**
- Preferred supplier to:
 - Nuclear Power Corporation
 - Schneider Electric
 - GE Energy

Wide Distribution Network





International

- Direct network across 50 countries
 - 23% of sales from global distribution
 - 40 international distributors
- Plans to expand in US, Africa and Middle east

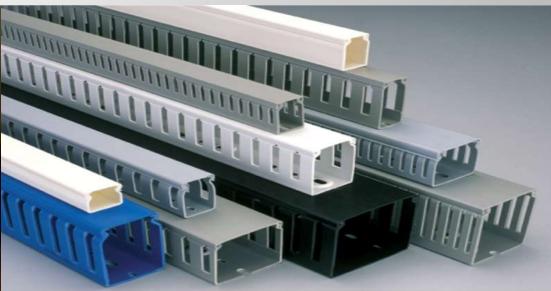
Domestic

- Tie up with L&T access to more than 350 dealers in India
- Direct network for Modular Switches 50 stockists in 4 southern & western states

Direct network across 50 countries

Way Ahead









Future Growth Drivers



Growth and expansion of existing product verticals

Margin improvement through

- Increase sales of high margin products existing and new
- Increase exports fast growing markets of US, Africa and Middle East

Venture into new project/ product development

2017-18 – Proposed new products to be launched



Wire Harness & Consoles





- Product developed and Invoicing started
- Industrial Wire Harnessing Very good potential in Indian Market
- Value Addition for Wires & Cables.
- New & different set of customers bringing new opportunities

GE Transportation





- Secured 10 Year contract with GE transportation for supply of High power contactors for India requirements.
- Negotiating with GE Transportation for Three Phase Transformers for both India and US

DC Load Break Switches (PV)





- Product developed and Invoicing started
- Very good potential for this product in Australasia region
- Our switches best available in market, exporting good volume to Europe & US
- Due to lower costs can compete with good quality high cost European & low price Chinese manufacturers

Future Growth Drivers- Energy Mgmt. Business



Only manufacturer in India:

- Energy savers
- Street light controllers

CRISIL rated Grade I ESCO Operator for street lighting

Significant opportunity in power starved country

Successfully implemented for:

- Madurai Corporation
- Coimbatore Corporation
- Navi Mumbai Corporation
- **■** Tirupur Corporation
- Erode Corporation
- Vellore Corporation

In talks with other states to incorporate energy savers and street light controllers







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For further information, please contact:

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