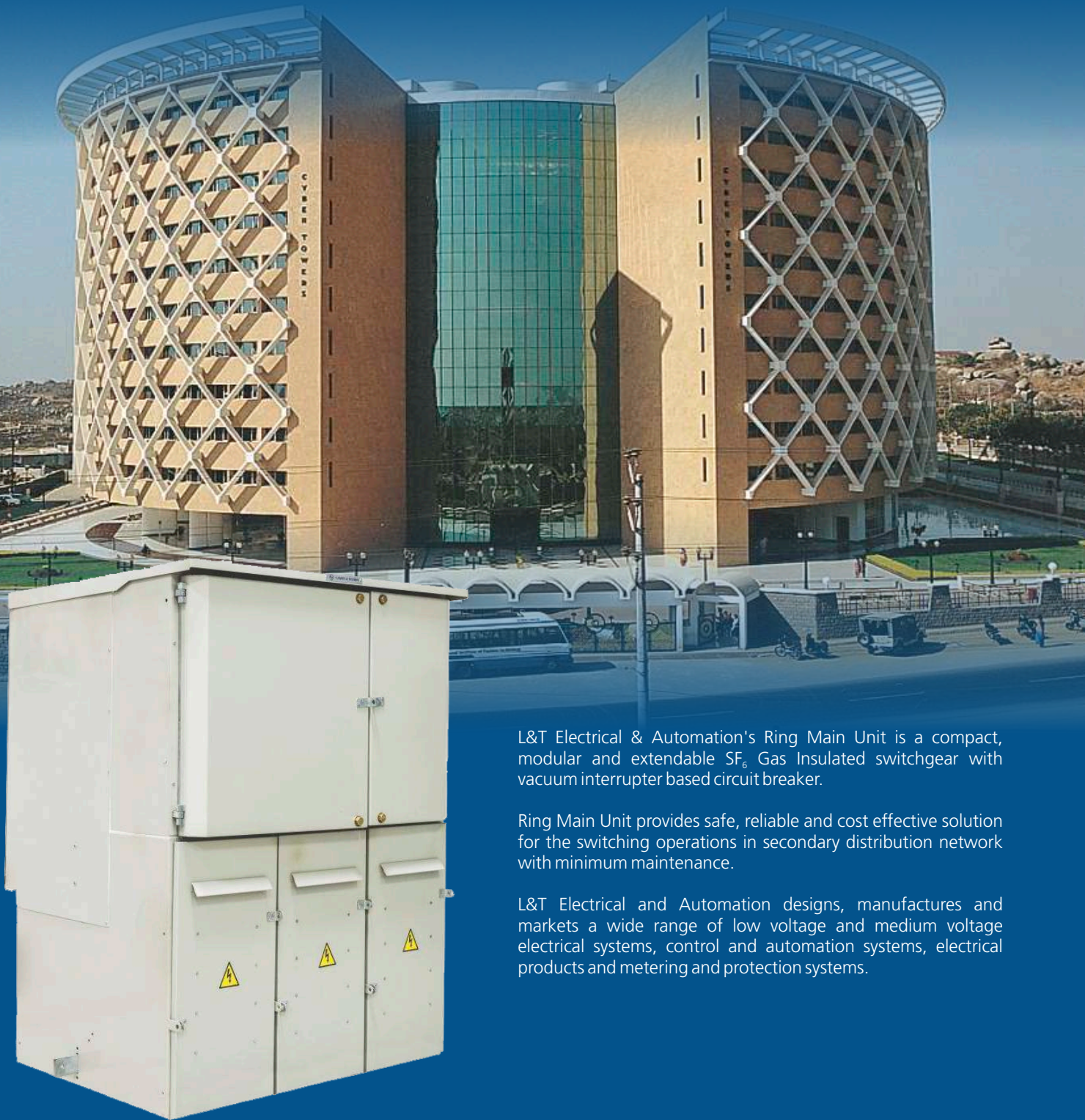


Ring Main Unit

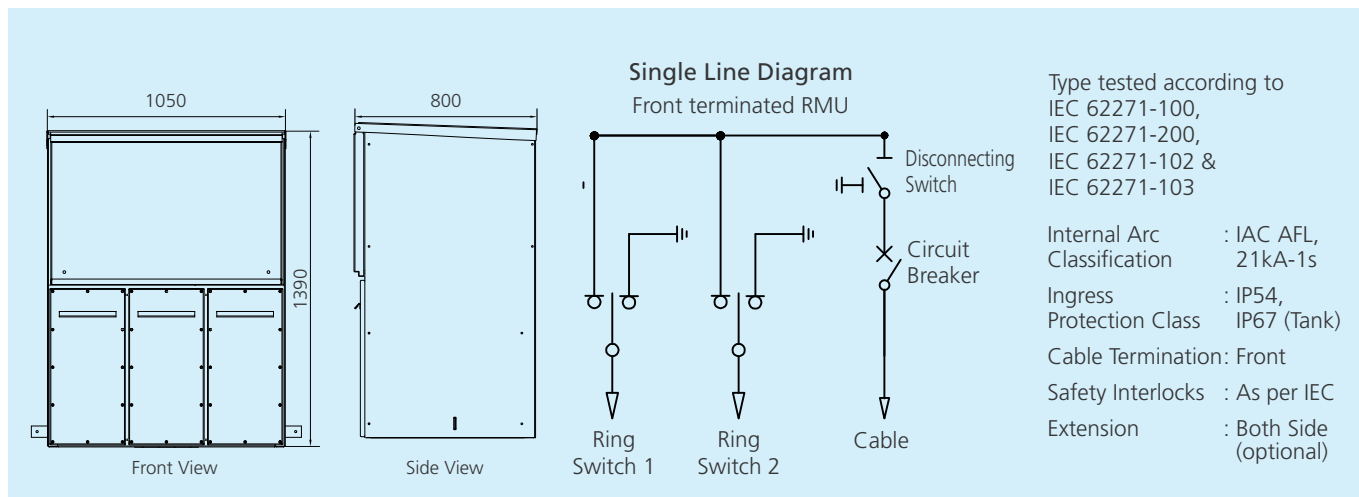
...17.5kV...630A...21kA



L&T Electrical & Automation's Ring Main Unit is a compact, modular and extendable SF₆ Gas Insulated switchgear with vacuum interrupter based circuit breaker.

Ring Main Unit provides safe, reliable and cost effective solution for the switching operations in secondary distribution network with minimum maintenance.

L&T Electrical and Automation designs, manufactures and markets a wide range of low voltage and medium voltage electrical systems, control and automation systems, electrical products and metering and protection systems.



Electrical Characteristics			
Rated Voltage	kV	12	17.5
Impulse Withstand Voltage (1.2/50 μ s)	kVp	75	95
Power Frequency Withstand Voltage	kV(rms)	28	38
Frequency	Hz	50/60	50/60
Rated Current	A	630	630
Rated Short Time Current – 3s	kA	21	21
Rated Short circuit Making Current	kAp	52.5/54.6	52.5/54.6
Rated short circuit symmetric Breaking Current	kA	21	21
Internal Arc Fault withstand – 1s	kA	21	21
Width (3 Way / 4 way)	mm	1050/1460	
Depth	mm	800	800
Height	mm	1390	1390

Design for Safety

- Protection against Arc faults
- No exposure to live parts
- Passive interlocks to prohibit unintended operations
- Comprehensive padlocking facilities
- Mimic diagram and position indicators to guide the operator
- Complete Safety for User and Pedestrian

Product variants

The Ring Main Unit range includes extensible and non extensible RMU.

RMU Type	Isolator Switch	Circuit Breaker
1 Way	0	1
1 Way	1	0
2 Way	1	1
2 Way	0	2
2 Way	2	0
3 Way	1	2
3 Way	2	1
4 Way	2	2
4 Way	1	3
4 Way	3	1

Note: Metering panel shall be offered as requirement

Features

- SF6 gas insulation with vacuum circuit breaker - No fire hazard
- Minimum maintenance and sealed for life contact system
- Robotic welding of gas tank ensuring leak free operation
- Robust construction
- Internal arc Classified and fully type tested according to Latest IEC Standards
- Motorized Spring charging options for Vacuum Circuit Breaker and Load Break Switch
- Power Cable Termination and Cable Test facilities
- Integral Remote Control and Monitoring

Customer benefits

- Ergonomic design for simple and quick operation
- Minimum footprints
- Lesser components in linkages
- Integral safety for peace of mind
- Easy installation
- Round-the-clock after sales team support
- Both Indoor and outdoor Installation
- Live Cable Indicators - High Operator Safety



L&T Electrical & Automation, Electrical Systems & Equipment - Head Office

L&T gate no. 5, L&T Business Park TC – II, Tower B – 7th floor, Saki-Vihar Road, Powai, Mumbai 400 072 Tel.: +91 22 6705 1748 Fax: +91 22 6705 1556
Email: ese-cmt@Lntebg.com Website: www.Lntebg.com

The information contained herein is correct at the time of printing, but as products and manufacturing processes undergo continuous development, this information is subject to change without notice. and the company cannot be held liable for any alleged misinterpretation howsoever arising.

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