The policy of Easun Reyrolle is one of continuous improvement and development. The company therefore reserves the right to supply equipment, which may differ slightly from that described and illustrated in this publication.

**AUTOMATION DIVISION**

“Ashirwad”, #25, 29th Main, 4th B Cross, BTM Layout 2nd Stage, Bangalore-560 076, India.

Tel: +91 80 26685496/51311405
Fax: +91 80 26685446
Email: smabp@easunreyrolle.net

**HOSUR WORKS**

#98, Sipcot Industrial Complex, Hosur 635 126, India.

Tel: +91 4344 401600/01/02
Fax: +91 4344 276397

**SWITCHGEAR WORKS**

Ernavur, Chennai-600 057, India.

Tel: +91 44 25733715/358
Fax: +91 44 25733468
Email: switchgear@easunreyrolle.net

**BANGALORE WORKS**

#17/3 Arakere, Bannerghatta Road, Bangalore-560 076, India.

Tel: +91 80 26581023 / 3268
Fax: +91 80 26580642
Email: blroffice@easunreyrolle.net

**EXPORTS DIVISION**

#17/3 Arakere, Bannerghatta Road, Bangalore-560 076, India.

Tel: +91 80 26581023 / 3268
Fax: +91 80 26580642
Email: exports@easunreyrolle.net

**Sales Offices**

**Mumbai**
Tel: +91 22 23000227/2022345
Fax: +91 22 23000239
Email: mumbai@easunreyrolle.net

**Bangalore**
Tel: +91 80 26685496/51311405
Fax: +91 80 26685446
Email: blroffice@easunreyrolle.net

**Delhi**
Tel: +91 11 25737201/25747202
Fax: +91 11 25737203
Email: delhi@easunreyrolle.net

**Kolkata**
Tel: +91 33 22848320
Fax: +91 33 22848326
Email: kolkata@easunreyrolle.net

**Secunderabad**
Tel: +91 40 27871847
Email: hyderabad@easunreyrolle.net

**EASUN REYROLLE**

Corporate Office
Easun Reyrolle Limited, 98 Sipcot Industrial Complex, Hosur 635 126, India. Tel: +91 4344 401600/01/02
Fax: +91 4344 276397
www.easunreyrolle.com

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**EREMS: Easun Reyrolle Energy Management System**

**Description**

The EREMS “Easun Reyrolle Energy Management System” is a high performance PC based solution ideally designed to determine the energy consumed for maintaining and managing optimum energy utilization throughout the organization. Its distributed & scalable architecture performs data processing and data acquisition in a decentralized manner through the bay level IED’s (Viz. Multi-function Energy meters & other field equipment if any) and enables financial savings by eliminating wasteful use of electricity and aids in efficient resource utilization.

**Applications**

Energy management system for existing substations equipped with Modbus RTU compiled Multi-function meters.
- Existing substations with Easun Reyrolle-make Multi-function meters
- Existing communicable meters available in client’s location

**Features**

- Intuitive Human Machine Interface (HMI)
- Monitors voltage, current, power factor, frequency, power, energy, and maximum demand
- 100% data Integrity
- Provides Single Line Diagrams, Online trends, Historical Trend, Alarms
- Alarms with on-line alarms, if any valve crosses permissible limits
- Alarms generated are automatically logged in the system for historical analysis
- Provides access security with multiple user passwords at different access levels
- Gives Real time and historical trends for all parameters using color codes to differentiate parameters
- Comprehensive and accurate reporting with hourly, daily and weekly reports in tabular as well as graphical forms
- Facility to export data to other system/data base
- Data collection via the serial port, modem, or Ethernet link with inbuilt dial-up software
- Energy Audit & Accounting
- Loss Assessment
- System Planning

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**Graphs**

- 3D Bar Chart
- 3D Line Chart
- LOG Chart
- Energy Consumption Chart
Online Trend

Historical Trend

System Configuration

Reports
Online Trend

Historical Trend

System Configuration

Reports
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Easun Reyrolle Limited, 98 Sipcot Industrial Complex, Hosur 635 126 India. Tel: +91 4344 401600/01/02 Fax: +91 4344 276397

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Corporate Office
Easun Reyrolle Limited, 98 Sipcot Industrial Complex, Hosur 635 126 India. Tel: +91 4344 401600/01/02 Fax: +91 4344 276397
www.easunreyrolle.com

Sales Offices

Mumbai
Tel: +91 22 22082770/22085415 Fax: +91 22 22082592
Email: mumbai@easunreyrolle.net

Bangalore
Tel: +91 80 26685496/5131405 Fax: +91 80 26685466
Email: bangalore@easunreyrolle.net

Hyderabad
Tel: +91 40 2787871 Fax: +91 40 2787872
Email: hyderabad@easunreyrolle.net

Delhi
Tel: +91 11 25747202/25747302 Fax: +91 11 25747392
Email: delhi@easunreyrolle.net

Kolkata
Tel: +91 33 22848320 Fax: +91 33 22848326
Email: kolkata@easunreyrolle.net

Secunderabad
Tel: +91 40 27878747 Fax: +91 40 27878748
Email: Hyderabad@easunreyrolle.net

Corporate Office
Easun Reyrolle Limited, 98 Sipcot Industrial Complex, Hosur 635 126 India. Tel: +91 4344 401600/01/02 Fax: +91 4344 276397
www.easunreyrolle.com

ER05
RS485 Slave devices

Report Printer

Corporate Office
Easun Reyrolle Limited, 98 Sipcot Industrial Complex, Hosur 635 126 India. Tel: +91 4344 401600/01/02 Fax: +91 4344 276397
www.easunreyrolle.com