



Switchgear Catalogue

Products for Panel Builders

ELECTRICAL ENERGY EFFICIENCY
3EDUBAI.COM



Major products supplied by 3E for electrical panel manufacturer



CONTENTS

MEASURING ITEMS

EARTH LEAKAGE
PROTECTION

POWER FACTOR
CORRECTION

HARMONICS FILTERS

SURGE PROTECTION

PORTABLE ANALYZER
& UVR

MEDIUM VOLTAGE
CAPACITOR BANK

UTILITY BILLING
METER

Measuring Items

Analogue Meters



Digital Meters



Current Transformer



Measuring Items

Power Monitoring Unit



Power Monitoring Unit With Graphics Accuracy Class 0.5



Measuring Items

KWH Meter



Full range of kilowatt-hour meter /billing meters

- installation with current transformer or direct meter
- din rail and panel-mounted
- communication Modbus RS485

Direct Meter



Earth Leakage Protection

Earth Leakage Relay For Standard Application



Earth Leakage Relay Type B For VFD



Power Factor Correction

Cylindrical Capacitor



Capacitor Bank Voltage Rating

- 400 V
- 415 V
- 440 V
- 480 V
- 520 V
- 690 V

Reactor



Detuned reactors frequency

- 5.67%
- 7%
- 14%

Voltage Rated

- 400 V
- 440 V
- 690 V

Power Factor Correction

Contactor



Contactor with AC-6b category in various ratings

- 7.5 KVR
- 12.5 KVR
- 25 KVR
- 60 KVR
- 80 KVR

Thyristor For Static Capacitor Bank



Regulator



Power Factor Correction

Ventilation Fans & Filters



Busbar Support



Protection Fuse & Fuse Base



Power Factor Correction

Assembled Capacitor Bank



Harmonic Filters

Active Filter

- 30 - 400 AMP rating
- Wall and panel mounted
- IP 20 upto IP 41



Surge Protection Devices

Type 1



Surge protection

- Type 1
- Type 2
- Type 1+2
- 7.5- 100 KA

Portable Power Quality Analyzer



Under Voltage Replay (UVR)



Medium Voltage Capacitor Bank & Components



UTILITY BILLING METER



- Direct and indirect meters
- ..1 AMP /.. 5 AMP
- RS485 modbus communication

Utility Billing Meter



- Direct and indirect meters
- ..1 AMP /.. 5 AMP
- RS485 modbus communication

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