Switchgear Catalogue

Products for Panel Builders
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
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