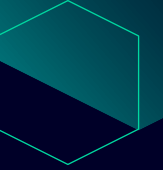


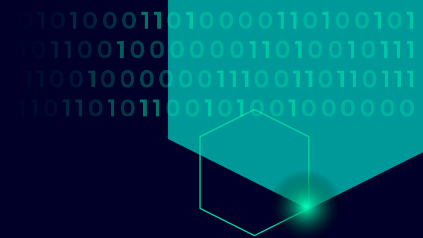
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Portfolio Offerings for ASEAN

Introduction to complete ranges

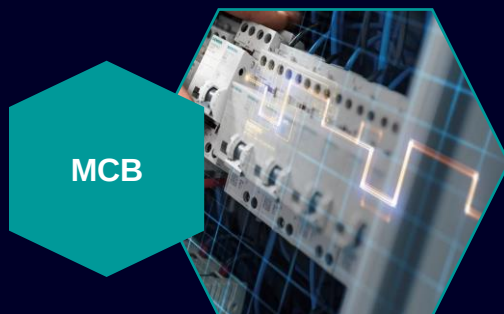




SENTRON



ACB



MCB



MCCB



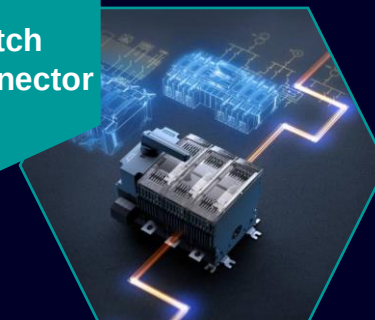
RCD



Power
Meters



Switch
Disconnecter



Fuses



Portfolio Overview

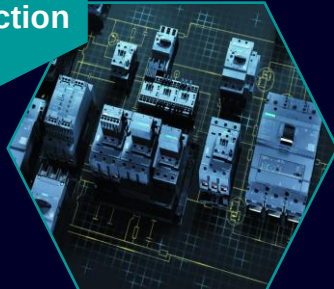
SIRIUS



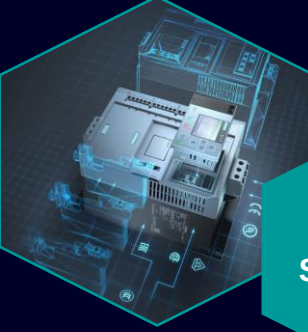
Contactors



Overload Relays



Motor Starter Protection



Soft Starters



Commanding & Signaling Devices



SIMOCODE



Monitoring Relays



SIRIUS

www.siemens.com/sirius

Portfolio Overview

Wiring Accessories



ARINA



SEATA



RELFA



WHAT'S NEW?

ราคาที่เข้าถึงได้คงไว้ซึ่งคุณภาพ

ตอบโจทย์งานระบบไฟฟ้าพื้นฐาน

มาตรฐาน SIEMENS

Distribution channel

ครบตอบโจทย์ทุกความต้องการ

คงไว้ซึ่งความ Flexible

ง่ายในการใช้งานและเลือกใช้งาน

ตอบสนองตลาด ASEAN

หาซื้อง่าย

เหมาะสำหรับงานทั่วไป

ทนทานอายุการใช้งานยืนยาว

WHAT'S NEW?

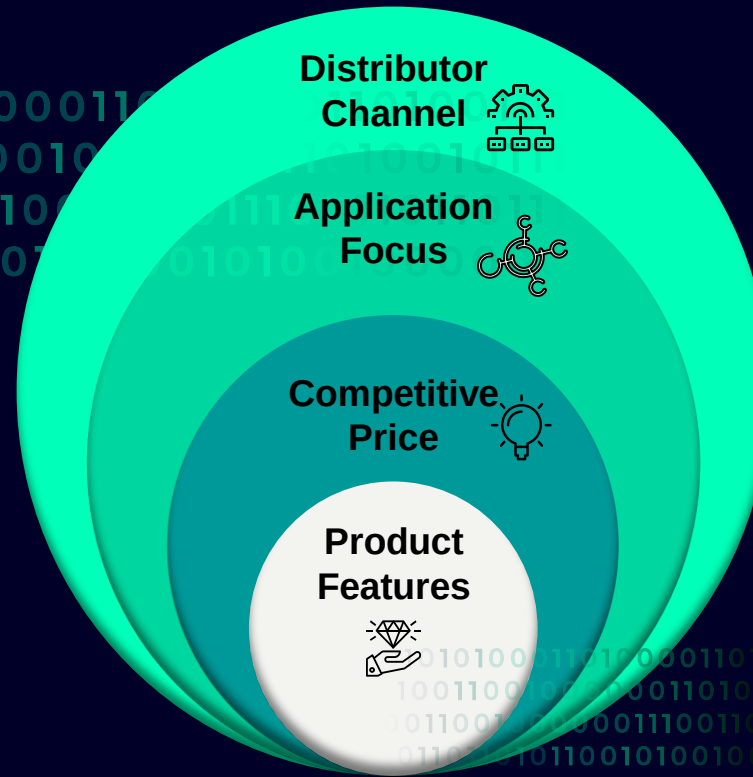
Existing SIEMENS approach:
High-end, Technical Oriented

Enhanced SIEMENS approach:
Reliable & Value Oriented Components

SENTRON
SIRIUS



SINOVA



Siemens
Quality to
fulfil technical
requirement

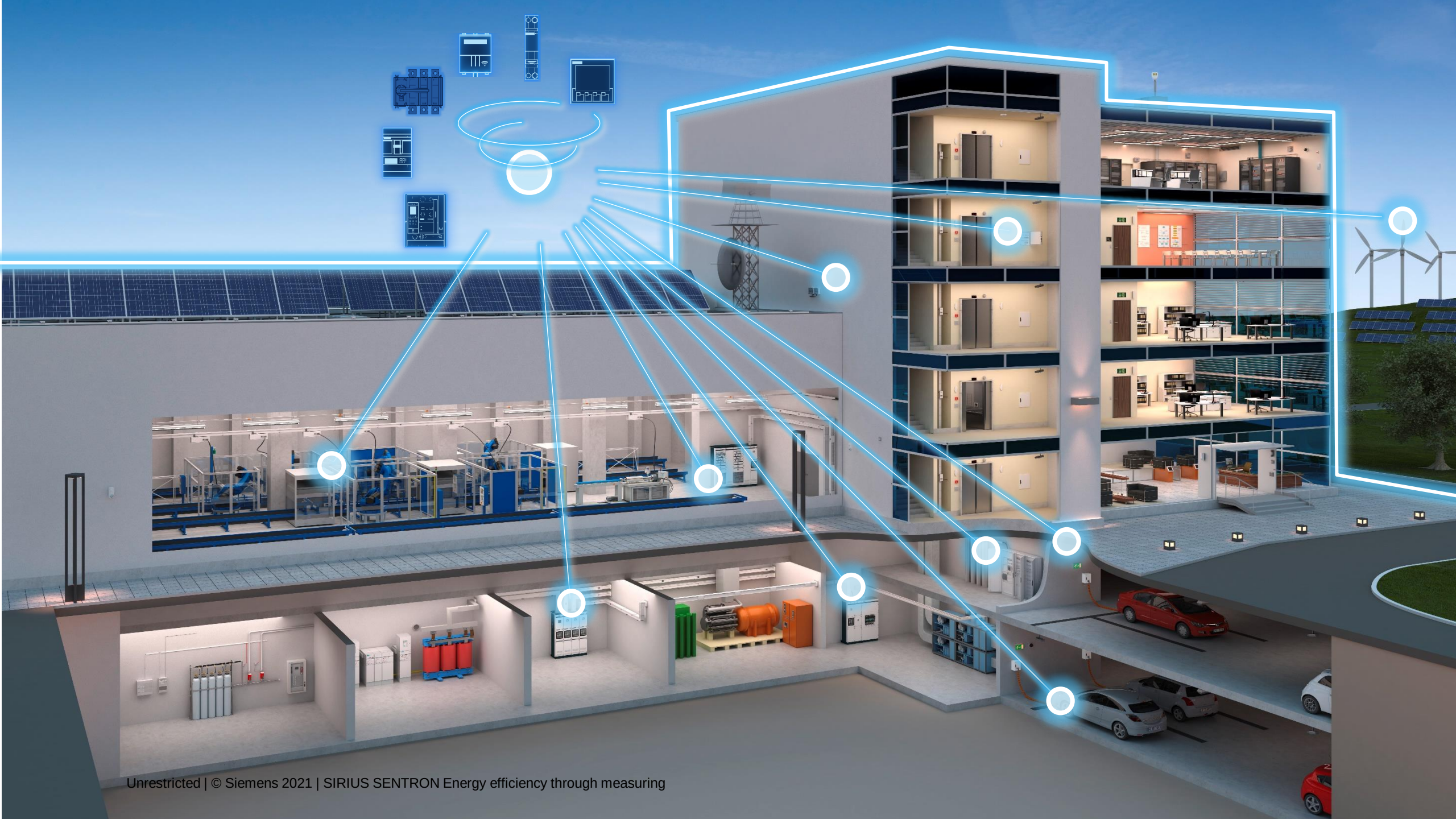
Com
pricing
on
requ

Reduce complexity
for
applications focus

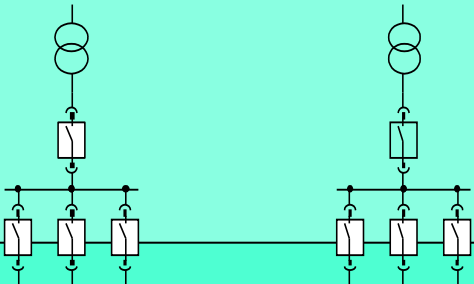
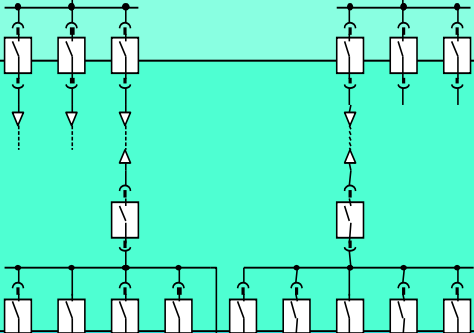
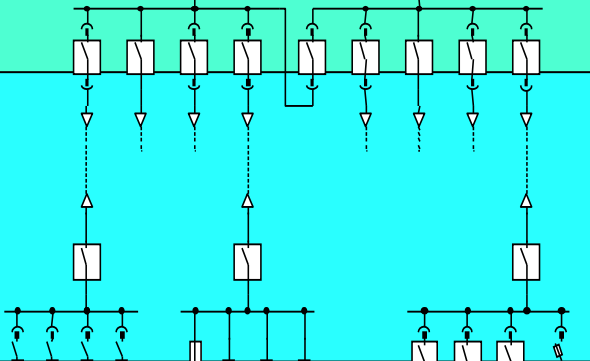
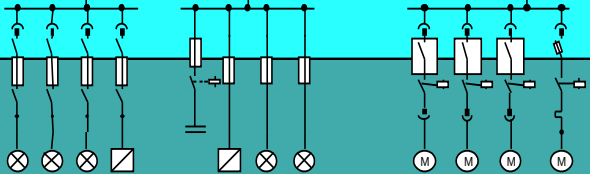
SINOVA

SIEMENS + INOVATION

Portfolio for ASEAN with The Competitiveness



SINOVA PRODUCT'S PORTFOLIO

LOW VOLTAGE POWER DISTRIBUTION	Power center  	POWER PROTECTION AND CONTROL	ACB MCCB MCB_RCCB
	Main distribution board  		SWITCH DISCONNECTOR MOTOR PROTECTION CONTACTOR + OVERLOAD CAPACITOR SYSTEMS
	Sub-distribution board Loadcenter  	POWER MONITORING	MULTIMETER MONITORING RELAY ETC
	Consumer unit / Final load protection and control  		

SINOVA

Simply Efficient



Residential
Building



Commercial
Building



Infrastructure



Industries



OEM



Utilities



Power
Generation



ACB



MCCB



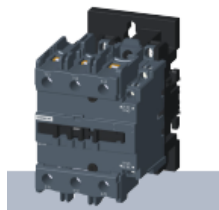
MCB



RCCB / RCBO



MSP



Contactor



OLR



Capacitor



Capacitor duty
contactor



Control relay



Power meter



Monitoring Relay



Switch
Disconnector



Manual Transfer
Switch

ACB -3WJ

Ratings

- 800 – 4000A
- 50/55 kA
- ETU : LSI / LSIG
- Fix / Withdrawable type
- Ue : 440 / 415 V

ETU

- New platform for standard application LSI / LSIG
- Non-communication
- Non-metering function

Dimension

- Same as Well-Know 3WT_ACB

Accessory

- Completed portfolio
- 3WT exchangeable concept

Standard

- IEC 60947-1/2
- RoHS
- REACH Regulation
- EPD, Environmental product declaration

Application

- Building
- Department store / Mall
- Small infrastructure
- General application

Operation

- Manual operation
- Remote operation (CC+Motor)
- 2 releasing coil (Shunt+Shunt, Shunt+UVR)
- 2NO + 2NC (Standard)



MCCB -3VJ

Ratings

- 16 – 630A
- 10 - 55 kA
- Trip unit : Thermal magnetic (TMTU) only
- 5 Frame size with 4 dimension
- Ue : 415 V

Trip Unit

- 2 types available
 - FTFM, Fix thermal fix magnetic
 - ATFM, Adjust thermal fix magnetic

Dimension

- 4 Size
 - 3VJ10 : 16 -125A
 - 3VJ11 : 20 -125A
 - 3VJ12 : 160 -250A
 - 3VJ13/14 : 320 -630A

Accessory

- Completed portfolio
- Internal : Aux / Alarm / Shunt trip / UVR
- External : Door mounting rotary / locking device

Standard

- IEC 60947-1/2
- RoHS

Application

- Building
- Department store / Mall
- Small infrastructure
- General application

Feature

- No-derating up to 45C (rating over 0.9 till 55C)



Final Circuit (MCB-RCCB) 5TJ

Ratings

- 6 – 95A (up to 160W for 2nd phase)
- 4.5 / 6 / 10 kA
- 1 / 2 / 3 / 4 poles available
- Ue : 240 / 415 V
- RCCB AC-types / 30-300mA

Standard

- MCB : IEC 60898-1
- RCCB : IEC 61008-1

Application

- Residential / Building
- Department store / Mall
- Small infrastructure
- General application

Trip Unit

- 2 types available
 - FTFM, Fix thermal fix magnetic
 - ATFM, Adjust thermal fix magnetic

Dimension

1 / 2 / 3 / 4 poles available
Mounting Width: 17.8mm systems



Target distribution board

- Load Center
- Consumer unit



Control product

Specification

Motor circuit protection, MCP_3MV8

- Up to 55A

Contactor, 3MT7

- 6 – 95A (up to 400A for 2nd phase)

Overload, 3MU7

- Class 10
- 0.1-93A (up to 400A for 2nd phase)

Standard

- IEC60947-4-1 Coordination type 2 available, I_q = 50kA

Application

- Motor starter / Control
- IE2/IE3 motor compatible
- Capacitor duty contactor available
- DOL / Start delta /etc.

Target distribution board

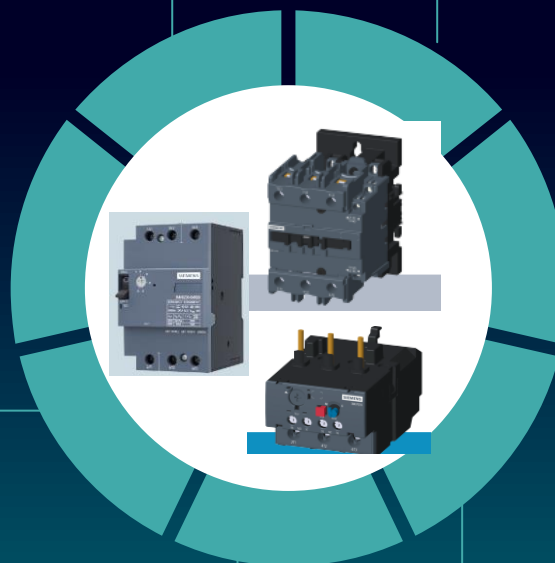
- Motor control and protection
- Capacitor control
- MCC

Dimension

Size 0-4 is available now (Size 5-10 for 2nd phase)

Accessory

- Completed accessory
- Timer and auxiliary contact
- Interlocking, Electro -Mechanical



Monitoring relay – 7UG0

Specification

- Line monitoring relay
- Voltage monitoring relay
- Current monitoring relay
- Earth leakage current relay with CBCT
- Earth fault monitoring relay with CBCT
- Thermistor motor protection (PTC)
- Speed monitoring relay (PNP,NPN)
- Water level controller relay with sensor

Standard

- IEC 60947-4-1 & IEC 60947-5-1
- IEC 60947-8
- CE mark
- RoHS

Application

- Power distribution
- Small infrastructure
- General application
- Industrial application

Target distribution board

- Power distribution board
- MCC / Motor control and protection
- Process control

Feature

- Additional power/motor protection and control
- Completed relay and sensor
- Earth fault monitoring relay as the trend on GF protection.
- Universal control supply 110-240V AC/DC

Dimension

Common frame size of monitoring relay
Varies type of sensor and CT available



Power Meter – 7KT

Measurement input

- Overvoltage category : OVC III ($\leq 2,000m$)
- Nominal frequencies: 50 Hz/60 Hz

Rated voltages

- 57.7 V/100 V voltage transformer
- 276/480V - 50/60 Hz

Rated currents

- 1/5 A | 50 Hz/60 Hz
- Current range 1 % of I_n – 120 %

Connections

- Can be used in TN, TT and IT grids
- Direct measurement up to 480 V UL-L, CAT III or voltage transformer.
- Current measurement via transformer x/1 A or x/5 A, CAT III

Measuring accuracy

- Active energy/power class 1
- Reactive energy/power class 1
- Apparent energy/power class 1
- Frequency class 0.1
- Current class 0.5
- Voltage class 0.5

Input & Communication

- 1 digital input
- Integrated RS-485 interface: Modbus RTU

Application

- Residential / Building
- Department store / Mall
- Small infrastructure
- General application

Power supply

- Wide range input: 85 V – 276 V AC

Device type

- Front-panel mounting (W x H x D):
96 mm x 96 mm x 46 mm



Capacitor – Power factor compensation

Product ranges

Capacitor (Standard / Premium was available)

- Inert gas and Soft resin available
- Up to 50kVAR @ 800V

Controller

- 4 – 6 – 12 steps controller available
- 1 / 3 phase measurement was available
- Automatic initialization

Capacitor duty contactor

- Up to 100kVAR available
- 0.1-93A (up to 400A for 2nd phase)

Rated voltages

- 15 / 20 / 25 / 30 / 40 / 50 kVAR
- 400 – 415 – 440 – 525 – 800 V 50/60Hz

Feature

- Completed range of capacitor, controller and cap duty contactor
- 2 types, Inert gas and soft resin available.
- Up to 800V for de-tune application

Standard

Capacitor (Standard / Premium was available)

- IEC 60831-1/2
- UL810 / cUL file available
- GOST

Capacitor duty contactor

- IEC 60947-4-1 / 60947-5-1
- CSA 22.2
- UL508

Application

- Building
- Department store / Mall
- Small infrastructure

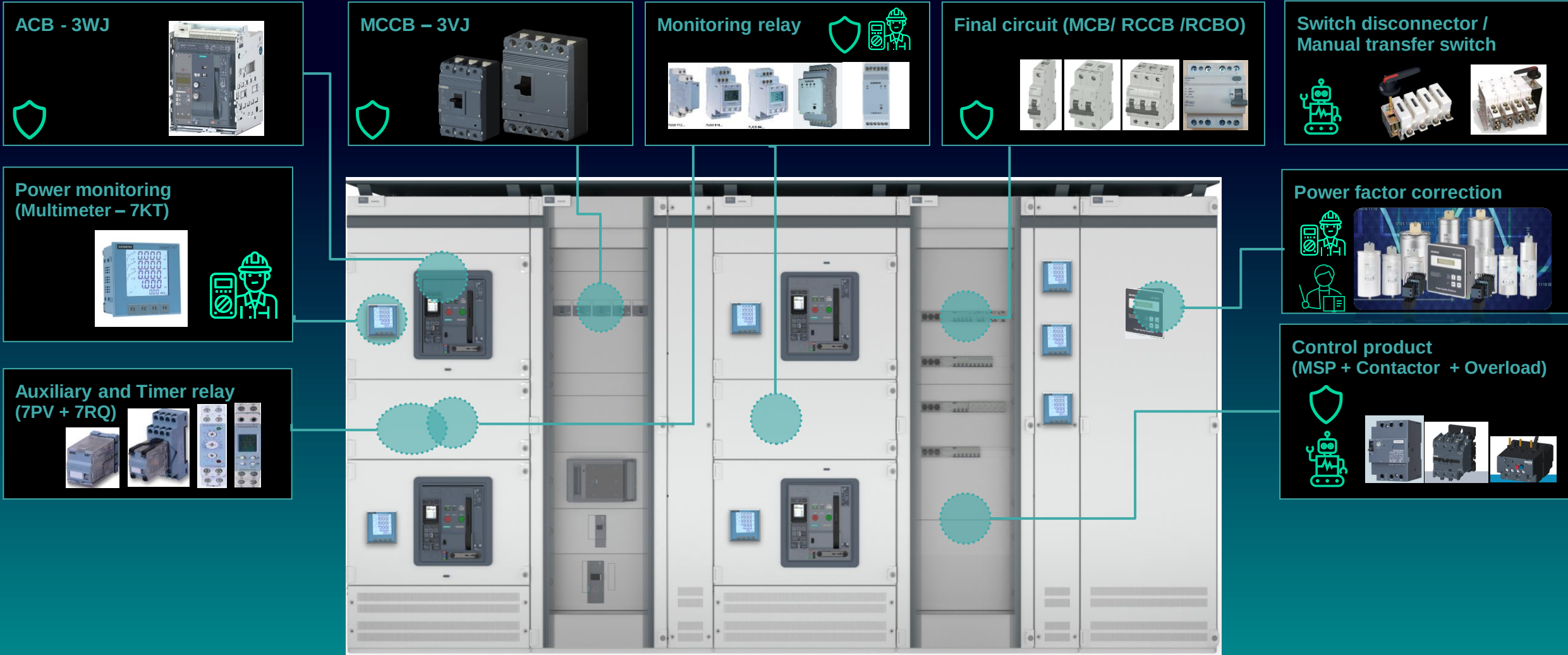
Power supply

- Wide range input: 110 V – 230 V AC



SINOVA

Simply Efficient



Stay connected

SINOVA product Website

- MCCB_3VJ
- Other product is coming soon

Siemens's YouTube channel

- Product presentation
- Inter-active manual
- Update news and feature

Siemens EP's Product finder

- Partner information
- Stock information
- Enquiry support
- Local catalog download

Siemens Electrical product's Facebook

- Product update
- News and information
- Knowledge sharing
- Webinar invitation

Siemens's Industrial mall

- Product information / datasheet
- Product instruction manual
- CAD drawing
- Product technical support

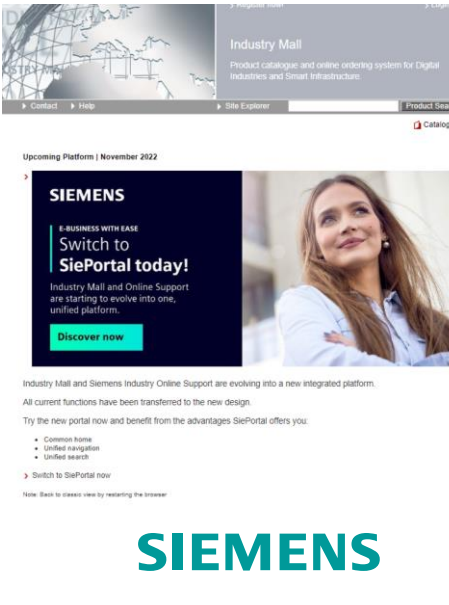
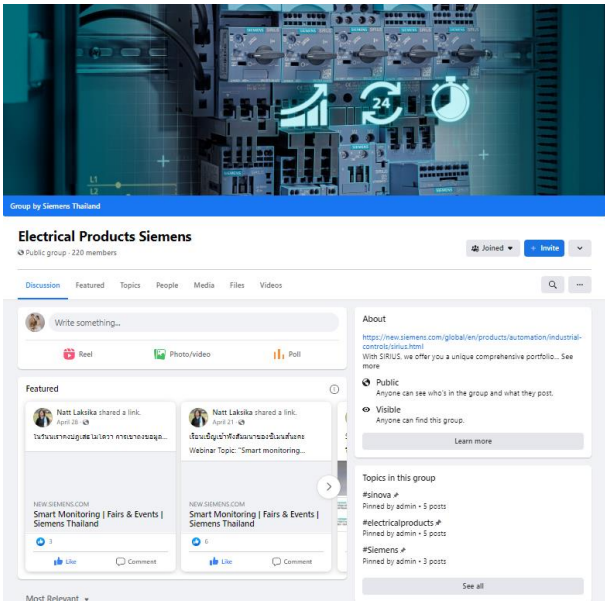
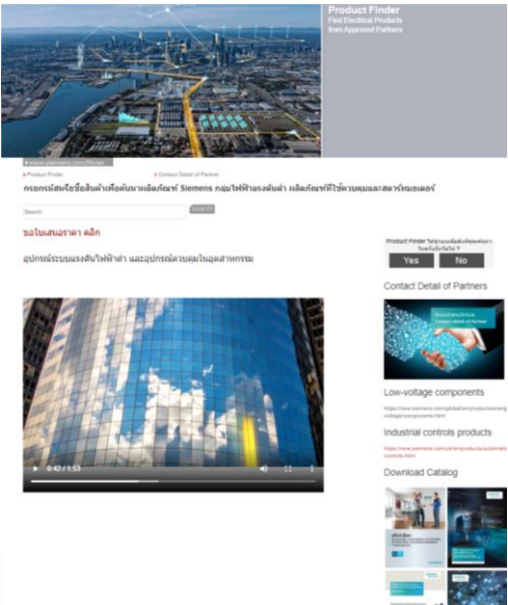
3VJ Thailand page

3VJ YouTube / Product presentation

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Siemens industrial mall TH



Contact

Published by Siemens Thailand
Smart Infrastructure
Electrical Products

E-mail : electricalproducts.th@siemens.com