Control and Automation Components

Series 077
Industrial push-buttons and switches
Push-buttons
Palm and foot switches.
Miniature, 8-11 pins and interface
Series RT
- from 55 to 850A setting
Series MT
Overload relays
- from 150 to 825A in AC3
- from 9 to 105A in AC3
- from 6 to 9A in AC3
Three ranges, 3 and 4 poles
Contactors

Automation components
- from 0.16 to 110A setting
- Ø 22.5 mm
- from 0.11 to 14A setting
- Ø 30 mm

Rocker and rotary handle operator.
Thermal and magnetic protection.
Motor protection devices Surion

Motors
- induction motors up to 1000kW
- Static soft starters for three phase
- ASTAT S / ASTAT XT
- induction motors up to 475kW
- Variable speed drives for three phase
- VAT20 / VAT200 / VAT300

Starter and monitors

Moulded case circuit breakers
SEN Plus
- Distribution boards
- Rating: from 8A to 1600A
- Rating: from 400A to 6400A
- EntelliGuardTM
- Power circuit breakers
- MCCB’S
- Modular DIN-rail devices
- For indoor and outdoor use.
- For commercial and industrial motors
- Direct-on-line, Star-Delta, Reversing
- Auxiliaries, according to EN/IEC 60947-4
- Fused disconnector loadbreak switches
- Disconnector loadbreak switches
- UL 508 (listed).
- According to EN/IEC 60947-3 and
- For industrial as well as residential
- For residential and industrial electrical
- Panel-board builders, contractors, OEMs
- and utilities worldwide.

GE Industrial Solutions

Home & Building Automation

L.V. Systems & Solutions

Residential Components & Distribution Boards
Industrial Breakers
System Enclosures
Control & Automation

A complete offer for Low Voltage applications

GE Industrial Solutions

GE Eimagination at work
**Control and Automation Components**

**Series 077**
- Push-buttons
- Palm and foot switches.
- Miniature, 8-11 pins and interface

**Series P9**
- Overload relays - from 150 to 825A in AC3
- - from 9 to 105A in AC3
- - from 6 to 9A in AC3

**Series RT**
- Contactors

**Series MT**
- Control and Automation Components
  - from 0.16 to 110A setting
  - Ø 22.5 mm
  - from 0.11 to 14A setting
  - Ø 30 mm

**Series CK**
- Three ranges, 3 and 4 poles
- Induction motors up to 1000kW
- ASTAT S / ASTAT XT
- Variable speed drives for three phase

**Series M**
- Starters and inverters
- Fused disconnectors loadbreak
- and changeover switches
- Disconnector loadbreak

**A complete offer for Low Voltage applications**

**L.V. Systems & Solutions**

**Residential Components & Distribution Boards**

**Home & Building Automation**

**Industrial Breakers**

**General Purpose Enclosures**

**System Enclosures**

**Control & Automation**

**GE Energy Industrial Solutions**

**Industrial Solutions**
- Formerly GE Power Protection, a division of GE Energy, is a first class European supplier of low-voltage products including wiring devices, residential and industrial electrical distribution components, automation products, enclosures and switchboards.
- Demand for the company’s products comes from wholesalers, installers, panel-board builders, contractors, OEMs and utilities worldwide.

**www.ge.com/ex/industrialsolutions**

**© Copyright, GE Industrial Solutions, 2010**

**HabiTEQ®**
- Central automation
- shutter control - safety monitoring - energy management - lighting control - heating/ventilation control - climate control - working space board

**Home & Building**
- Central automation
- shutter control - safety monitoring - energy management - lighting control - heating/ventilation control - climate control - working space board

**GE Industrial Solutions**
- A single and simple integrated system
- • A large number of interactive functions can be realised:
  • Optimal, energy efficient interaction of the subsystems
  • One communication system with a 2-wire BUS

**HabiTEQ®**
- Free software to design your automation solution
- • Track and control energy efficiency
- • Using a selection of components optimized for your living or working space
- • Intelligent pre-wired “plug and play” automation distribution solutions

**GE IMagination at Work**
Control and Automation Components

- Industrial push-buttons and switches
  - Push-buttons
  - Palm and foot switches.
- Miniature, 8-11 pins and interface
- Plug-in relays - Series PRC
- Series RT
- Series MT
  - To fit on the three contactor ranges:
  - Overload relays
    - from 150 to 825A in AC3
    - from 9 to 105A in AC3
- Series CL
- Series M
  - from 6 to 9A in AC3
  - Three ranges, 3 and 4 poles
- Contactors
  - Multivoltage timers
  - Electronic relays
  - Motor protection devices Surion
  - Detector relays (tension, intensity, liquid level, etc.) and control and protection

L.V. Systems & Solutions

- Residential Components & Distribution boards
- Industrial Breakers
- General Purpose Enclosures
- System Enclosures
- Control & Automation

- A complete offer for Low Voltage applications

GE Energy
Industrial Solutions
Industrial Breakers

- Frame FK
  - up to 160A
- Frame FG
  - up to 250A
- Frame FD
  - up to 630A

System Enclosures / Distribution Boards

- Modular switches and push-buttons, impulse switches, contactors, time switches...
  - Energy control and comfort functions
- MCB's
  - From 0.5 to 125A - 1 to 4P configuration.
- RCBO's
  - From 4 to 40A and 10mA to 300mA, protection.
- Add-on RCD's
  - 1P+N. According to EN/IEC 61009-1
  - From 4 to 40A and 10mA to 300mA, protection.
- Add-on residual current devices for MCB's.
  - For 2 to 4 poles MCB's, 30 up to 1000mA.

- Add-on FS's
  - 1000mA. According to EN/IEC 61008-1 and EN/IEC 61008-2

- Series 55 - 10 up to 25 mm² - IP66
- Flex-o-Box - 6 mm² - IP65
- Flex-o-Box Junior - 2.5 mm² - IP65

- 11 basic sizes, from 65 x 65 mm up to 1250 x 1250 mm.
- 5 cover depths.

- 4 different depths.
- 3 different depths.

- One depth: 320 mm.

- 600 x 400 mm.

- 600 x 400 mm.

- 320 x 320 mm 640 x 440 mm
- 320 x 220 mm 640 x 320 mm

- Modular polyester boxes
  - Made of strong and reliable polycarbonate or ABS. For indoor applications.

- Modular 200
  - Insulated enclosures
  - Modular enclosures system

- Modular Plus
  - Insulated enclosures
  - Modular enclosure system

- System enclosures offered in kit-form, according to IEC 60439-1.

- MultiBox Xtra
  - Multipurpose polyester cabinets
  - Reinforced polycarbonate.
  - Made of polystyrene or glass-fibre reinforced polyester. Maintenance-free and corrosion-resistant.

- MultiBox
  - Modular polyester boxes
  - Made of strong and reliable polycarbonate or ABS. For indoor applications.

- PolySafe
  - Modular boxes
  - Made of polystyrene or glass-fibre reinforced polycarbonate.

- MultiCab
  - Modular polyester boxes
  - Made of strong and reliable polycarbonate or ABS. For indoor applications.

- Cowl Plus
  - Modular control cabinet
  - Made of polystyrene or glass-fibre reinforced polycarbonate.

- Series Plus
  - Modular control cabinet

- Add-on FS's
  - 1000mA. According to EN/IEC 61008-1 and EN/IEC 61008-2

- Add-on RCD's
  - 1P+N. According to EN/IEC 61009-1

- Add-on residual current devices for MCB's.
  - For 2 to 4 poles MCB's, 30 up to 1000mA.

- Fast-idet
  - Insulated enclosures
  - Modular, self-enclosed metal, UL, CSA, AS - Lloyd's

- Featuring
  - Insulated enclosures
  - Modular, self-enclosed metal, UL, CSA, AS - Lloyd's

- Parallel 331
  - Metallic enclosures
  - Modular, self-enclosed metal, UL, CSA, AS - Lloyd's

- Modular 220
  - Insulated enclosures

- Residual Components & Distribution Boards

- Weatherproof enclosures
- Fused loadbreak disconnectors
- Loadbreak disconnectors
- Dilos

- ARIA
- PolySafe

- Modular enclosures system
- VMS

- ARS

- IP65 - IK08

- IP66 - IK08 - cUL

- IP66 - IK10

- IP65 - IK10 - UL - CSA

- IP66/IP67 - IK08

- IP65 - IK08

- IP66 - IK10

- IP65 - IK10 - UL - CSA

- Time relays, transformers, measurement devices, surge arresters, ...

- Modular enclosures system

- Redline

- Quixtra 630
In 3 and 4 poles, fixed or withdrawable circuit breakers

Selective and current limiting Moulded case circuit breakers

up to 250A

up to 1600A

up to 630A

In accordance with EN/IEC 60947-2

Envelope 3

400A to 4000A - 50, 65, 80 & 100kA

Envelope 2

400A to 2000A - 50kA & 65kA

Envelope 1

Uncompromising, fast and selective Power circuit breakers

voltages up to 3900V

A wide range of models with rated breaking capacities

High speed DC breaker

From 32A up to 1000/1250A

Fused loadbreak disconnectors

Fulos / Fulos Plus

From 16A up to 4000A

Loadbreak disconnectors

Dilos

Reinforced polycarbonate. Maintenance-free and corrosion-resistant.

According to IEC 60439-1

Modular enclosures of glass-fibre reinforced polycarbonate.

VMS

IP65 - IK08

IP23 to IP54

EH

Small multipurpose boxes

MultiBox

Medium sized multipurpose boxes

MultiBox Xtra

Large multipurpose boxes

MultiBox Max

Nine basic enclosures from 185 x 150 to 364 x 400 mm

Three different heights: 170 mm, 220 mm and 270 mm

Eleven basic enclosures, from 65 x 65 mm up to 250 x 300 mm

Four different depths.

11 basic sizes, from 65 x 65 mm up to 250 x 300 mm

Four different depths.

6 basic sizes, from 300 x 200 mm up to 600 x 400 mm

600 x 400 mm.

Three different heights: 150 mm, 220 mm and 270 mm.

4 different depths.

14 standard dimensions, from 500 x 500 up to 1400 x 800 mm

Three different heights: 150 mm, 220 mm and 270 mm.

MultiBox Plus

Modula Plus

Modula

Can be combined with other enclosure types

One depth: 320 mm.

One depth: 250 mm

Add-on residual current devices for MCB’s.

For 2 to 4 poles MCB’s, 30 up to 1000mA.

BS EN 61008-1 and EN/IEC 61008-1.

According to EN/IEC 61009-1

According to EN/IEC 60898-1 and EN/IEC 60947-2

Miniature circuit breakers

MCB’s

Appending to MCB’s.

According to EN/IEC 61047-1

Add-on RCD’s

According to EN/IEC 61009-1

Terminal blocks/clamps.

Series 55 - 10 up to 25 mm² - IP66

Fix-o-Rail 150

Insulated enclosures

Fix-o-Rail

Metallic enclosures

Surface mounting and flush mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Series 55 - 6 mm² - IP65

Flex-o-Box - 6 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

4 to 72 modules

4 to 72 modules

4 to 144 modules

Modular 200

Modular 200

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Fix-o-Rail 150 - 2.5 mm² - IP65

Flex-o-Box Junior - 2.5 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Series 55 - 10 up to 25 mm² - IP66

Flex-o-Box - 6 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Fix-o-Rail 150 - 2.5 mm² - IP65

Flex-o-Box Junior - 2.5 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Series 55 - 10 up to 25 mm² - IP66

Flex-o-Box - 6 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Fix-o-Rail 150 - 2.5 mm² - IP65

Flex-o-Box Junior - 2.5 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Series 55 - 10 up to 25 mm² - IP66

Flex-o-Box - 6 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Fix-o-Rail 150 - 2.5 mm² - IP65

Flex-o-Box Junior - 2.5 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Series 55 - 10 up to 25 mm² - IP66

Flex-o-Box - 6 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules

Fix-o-Rail 150 - 2.5 mm² - IP65

Flex-o-Box Junior - 2.5 mm² - IP65

Junction boxes

Type A and B, 3P&N

Surface mounting.

2 to 144 modules

2 to 144 modules

2 to 144 modules
For line, motor and generator protection.

In 3 and 4 poles, fixed or withdrawable

Breaking capacities from 22kA up to 150kA.

Frame FK

Frame FG

Frame FE

Selective and current limiting

Moulded case circuit breakers

A wide range of models with rated

High speed DC breaker

Gerapid

From 32A up to 1000/1250A

Fused loadbreak disconnectors

From 16A up to 4000A

Loadbreak disconnectors

Dilos

Rated voltage: 690V - 50/60Hz

According to IEC 60439-1

Reinforced polycarbonate.

Modular enclosures of glass-fibre

Modular enclosures system

VMS

IP65 - IK08

320 x 320 mm 640 x 440 mm

320 x 220 mm 640 x 320 mm

Sizes:

100 mm in height and width, in five

Modular dimensions in increments of

According to IEC 60439-1

Low voltage distribution board for

QuiXtraTM 630

Range of floor standing sheet steel

Rated current up to 630A

Rated operational voltage: 415V

1 depth: 250 mm

3 widths: 364, 660 and 875 mm

9 heights, from 450 up to 1800 mm

Range of 24 different enclosures:

9 heights, from 450 up to 1800 mm

More than 30 enclosures, in various

Applications:

SEN Plus
dedicated for use in LV
combining both flexibility and ease of

system enclosures offered in kit-form,

Modula Plus

Rated voltage: 690V - 50/60Hz

According to IEC 60439-1

and commercial applications.

Commercial and industrial

Low voltage distribution board for

MultiBox

Small multipurpose boxes

Made of polystyrene or glass-fibre

With 5 cover depths.

11 basic sizes, from 65 x 65 mm up to

PolySafe

Medium sized multipurpose cabinets

MultiCab

Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

6 basic sizes, from 300 x 200 mm up to

PolySafe

Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

3 different depths.

600 x 400 mm.

5 basic sizes, from 300 x 200 mm up to

PolySafe

Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

3 different depths.

600 x 400 mm.

5 basic sizes, from 300 x 200 mm up to

PolySafe

Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

4 different depths.

6 basic sizes, from 300 x 200 mm up to

PolySafe

Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

3 different depths.

600 x 400 mm.

5 basic sizes, from 300 x 200 mm up to

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Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

3 different depths.

600 x 400 mm.

5 basic sizes, from 300 x 200 mm up to

PolySafe

Large multipurpose cabinets

Made of strong and reliable polycar-

bonate or ABS. For indoor applications.

3 different depths.

600 x 400 mm.
In accordance with EN/IEC 60947-2
For line, motor and generator protection.
Breaking capacities from 22kA up to 150kA.
Frame FK
Frame FG
Frame FE
up to 160A
Selective and current limiting
Moulded case circuit breakers

In accordance with EN/IEC 60947-2
Fixed pattern and withdrawable type.
3200A to 6400A - 100kA & 150kA
Envelope 3
400A to 4000A - 50, 65, 80 & 100kA
Envelope 2
Power circuit breakers
EntelliGuard
voltages up to 3900V
A wide range of models with rated
From 2600A up to 10,000A
High speed DC breaker
Fused loadbreak disconnectors
Loadbreak disconnectors
Dilos

440 x 320 mm
sizes:
100 mm in height and width, in five
Modular dimensions in increments of
reinforced polycarbonate.
Modular enclosures system
VMS

Industrial Breakers
System Enclosures / Distribution Boards
General Purpose Enclosures
Residential Components & Distribution Boards

Modular box
Modular boxes and enclosures
A wide range of modules and sizes
For 2 to 4 poles MCB’s, 30 up to 1000mA.
Add-on RCD’s
1P+N. According to EN/IEC 61009-1
From 4 to 40A and 10mA to 300mA,
breakers with integral overcurrent
Residual current operated circuit
RCBO’s
According to EN/IEC 61009-1
Residual current
RCCB’s
According to EN/IEC 61009-1
Add-on residual current devices for MCB’s.
For 2 to 4 poles MCB’s, 30 up to 1000mA.

1P+N. According to EN/IEC 61009-1
Add-on RCD’s
1P+N. According to EN/IEC 61009-1
Residual current operated circuit
RCBO’s
According to EN/IEC 61009-1
Residual current
RCCB’s
According to EN/IEC 61009-1
Add-on residual current devices for MCB’s.
For 2 to 4 poles MCB’s, 30 up to 1000mA.

Residual current
Add-on residual current devices for MCB’s.
For 2 to 4 poles MCB’s, 30 up to 1000mA.

Fix-o-Rail
Series 55 - 10 up to 25 mm² - IP66
Flex-o-Box Junior - 2.5 mm² - IP65
Junction boxes
Surface mounting and flush mounting.
2 to 144 modules
Metallic enclosures
Surface mounting and flush mounting.
2 to 144 modules
Add-on RCD’s
1P+N. According to EN/IEC 61009-1
From 4 to 40A and 10mA to 300mA,
breakers with integral overcurrent
Residual current operated circuit
RCBO’s
According to EN/IEC 61009-1
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2 to 144 modules
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1P+N. According to EN/IEC 61009-1
From 4 to 40A and 10mA to 300mA,
breakers with integral overcurrent
Residual current operated circuit
RCBO’s
According to EN/IEC 61009-1
Residual current
RCCB’s
According to EN/IEC 61009-1
Add-on residual current devices for MCB’s.
For 2 to 4 poles MCB’s, 30 up to 1000mA.
**Series 077**

**Series P9**

Industrial push-buttons and switches

- Push-buttons
  - Palm and foot switches.
- Miniature, 8-11 pins and interface
- Plug-in relays - Series PRC

**Series RT**

- From 55 to 850A setting

**Series MT**

- To fit on the three contactor ranges:
- Overload relays
  - Series CK
    - From 150 to 825A in AC3
    - From 9 to 105A in AC3
  - Series CL
    - From 6 to 9A in AC3

Three ranges, 3 and 4 poles

- Control and Automation Components
  - Rocker and rotary handle operator.
  - Standard and high breaking capacity.
  - Thermal and magnetic protection.

**Motor protection devices Surion**

- Relays
  - Level, etc.) and control and protection
  - Detector relays (tension, intensity, liquid
  - Multivoltage timers
  - Electronic relays

**Relays**

- Rated current: up to 6300A
- Rated voltage: up to 690Vac / 600Vdc

**Moulded case circuit breakers**

- SEN Plus
  - Rating: from 8A to 1600A
  - Selective and current limiting

**Distribution boards**

- A complete offer for Low Voltage applications
- Distribution boards
- MCCB’s
- A full range of
- MCCB’s acc. EN/IEC 60947-2/UL489
- MCCB’s acc. EN/IEC 60947-2
- MCCB’s acc. EN/IEC 60947-3
- MCCB’s acc. EN/IEC 60947-2/UL489
- MCCB’s acc. EN/IEC 60947-2

**Residential Components & Distribution boards**

- Residential Components
  - Distribution boards
  - MCCB’s

**General Purpose Enclosures**

- Rated current: up to 6300A
- Rated voltage: up to 690Vac / 600Vdc

**Industrial Breakers**

- A complete offer for Low Voltage applications
- Distribution boards
- MCCB’s
- A full range of
- MCCB’s acc. EN/IEC 60947-2/UL489
- MCCB’s acc. EN/IEC 60947-2
- MCCB’s acc. EN/IEC 60947-3
- MCCB’s acc. EN/IEC 60947-2/UL489
- MCCB’s acc. EN/IEC 60947-2

**System Enclosures**

- General Purpose Enclosures
  - Power circuit breakers
  - Industrial Breakers

**Control & Automation**

- Variable speed drives
  - VAT20 / VAT200 / VAT300

**Vacuum contactor**

- A single and simple integrated system
- • A large number of interactive functions can be realised:
  - • One communication system with a 2-wire BUS

**Solutions**

- HabiTEQ™
  - From 72 up to 432 modules
  - 8 types of pre-wired enclosures to suit every requirement
  - • Free software to design your automation solution
  - • Using a selection of components optimized for your living or working space

**HabiTEQ™**

- A large number of interactive functions can be realised:
  - • One communication system with a 2-wire BUS

**Automation**

- Central automation
  - Shutter control - safety monitoring - energy management - lighting control - heating/ventilation control - climate control - working space

**Home & Building**

- Solutions
  - HabiTEQ™
  - From 72 up to 432 modules
  - 8 types of pre-wired enclosures to suit every requirement
  - • Free software to design your automation solution
  - • Using a selection of components optimized for your living or working space

**www.ge.com/ex/industrialsolutions**

- A complete offer for Low Voltage applications
- Distribution boards
- MCCB’s
- A full range of
- MCCB’s acc. EN/IEC 60947-2/UL489
- MCCB’s acc. EN/IEC 60947-2
- MCCB’s acc. EN/IEC 60947-3
- MCCB’s acc. EN/IEC 60947-2/UL489
- MCCB’s acc. EN/IEC 60947-2