



shaping tomorrow with you

FUJITSU Component Relay Road Map 2017

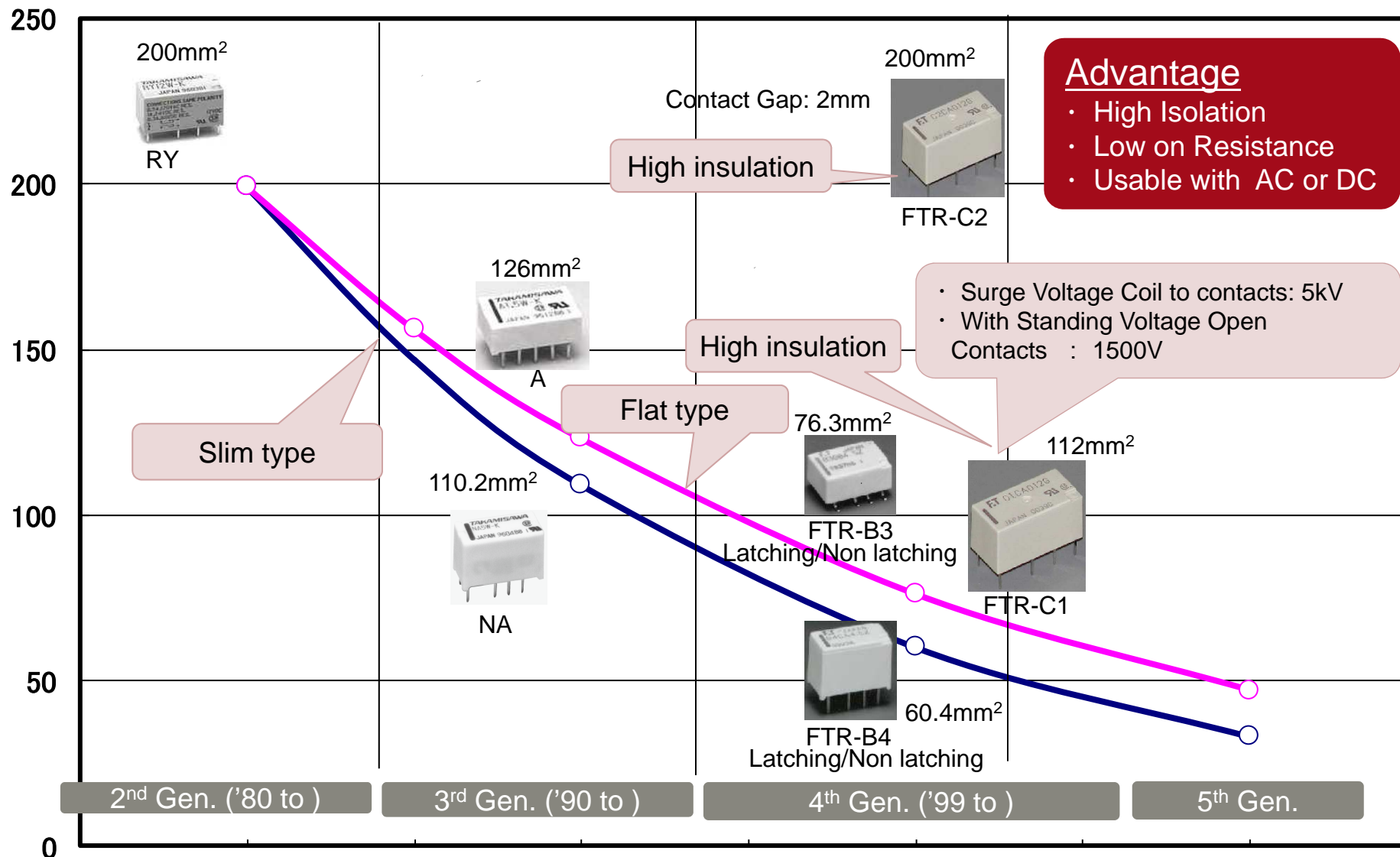
2017

FUJITSU COMPONENT LIMITED

Telecom Relays



Area [mm²]



Advantage

- High Isolation
- Low on Resistance
- Usable with AC or DC

- Surge Voltage Coil to contacts: 5kV
- With Standing Voltage Open Contacts : 1500V

Power Relays (1)



0 to 10A

NEW

Under development

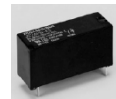
Industrial equipment / power

Small 1a Relay
H2 (1a,10A)
W 11 x L24 x H 25 mm

TV



Small, 1a contact gap 2mm Relay
H2G (1a,10A)
W 12.7 x L28.7 x H 25.2 mm



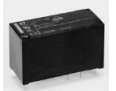
Small, low profile 8A Relay
JS (1c,8A)
W 10 x L 29 x H 12.5 mm

Small, low profile Inrush
65A Relay
JS-KS (1a,8A)
W 10 x L 29 x H 12.5 mm

Small, Latching type Relay
JSL (1c,8A)
W 10 x L 29 x H 12.5 mm

Conform to IEC60335(04)
JS-GW (1a or 1c 8A)

Conform to Cd-free
New JS
(1a or 1c 8A)
NO:100K/NC:100K



Small, low profile 2c 5A Relay
F1-5A (2c,5A)
W 12.8 x L 29 x H 16.5 mm

Small, low profile 2c 8A Relay
F1-8A (2c,8A)
W 12.8 x L 29 x H 16.5 mm
TV-4 recognized · 1000W Lamp load

Reflow type (SMC)
F1-RW (2c 8A)

Reflow type (SMC)
JS-RW (1c 8A)

Home appliance White goods

Slim 2a 5A Relay
F4-5A (2a,5A)
W 12 x L24 x H 25 mm



Small 2a contact gap 1.5mm Relay
F4G (2a,5A)
W 12.7 x L28.7 x H 25.2 mm
Application: Micro inverter

2c Latching type Relay
F1L (2c,8A)
W 12.8 x L 29 x H 16.5 mm

Small 5A Relay
JV -5A (1a,5A)
W 10.0 x L 17.5 x H 12.5 mm

Small, High capacity Relay
JV-KS (1a,10A)
W 10.0 x L 17.5 x H 12.5 mm

Conform to IEC60335(04)
JV-GW (1a 5A)



Slim 3A Relay
F3-3A (1a,3A)
W7 x L 20.3 x H 15 mm



Slim 5A Relay
F3-HA 5A(1a,5A)
W7 x L 20.3 x H 15 mm

Small & Slim 1c Relay
F3C (1c,5A)
W 7 x L 23.4 x H 15 mm

Small, slim10A relay
F3-HC (1a 10A)
1a W 7 x L 20.3 x H 15 mm
1c W 7 x L 23.4 x H 15 mm

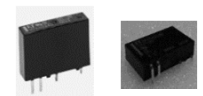
Small, slim 10A relay
F3-HC (1c 10A)

PLC/Working machine

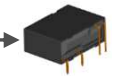
Small 5A Relay
JY (1a,5A)
W 9.8 x L 20 x H 12.8 mm



Slim 5A Relay NY
(1a,5A)
W 5 x L 20.1 x H 17.5 mm



Ultra small and slim
5A Relay
MY/MY right angle (1a,5A)
Right angle W 12 x L 20 x H 5 mm
Standard W 5 x L 20 x H 12mm



Low profile relay H:7mm
F3P Right Angle (1a,5A)TV-3,5
W 15 x L 20.34 x H 7 mm
Application: Flat TV

Flat TV

Slim 5A Relay
F3 (1a,5A)
W7 x L 20.3 x H 15 mm

Reflow type (SMC/SMT)
F3-RW (1a 5A)

Conform to IEC60335(04)
F3-GW (1a 3A)

Ultra slim 6A Relay
LY (1c,6A)
W 5 x L 28 x H 15 mm

Conform to UL61010
NY(1a,5A) MY (1a 5A)

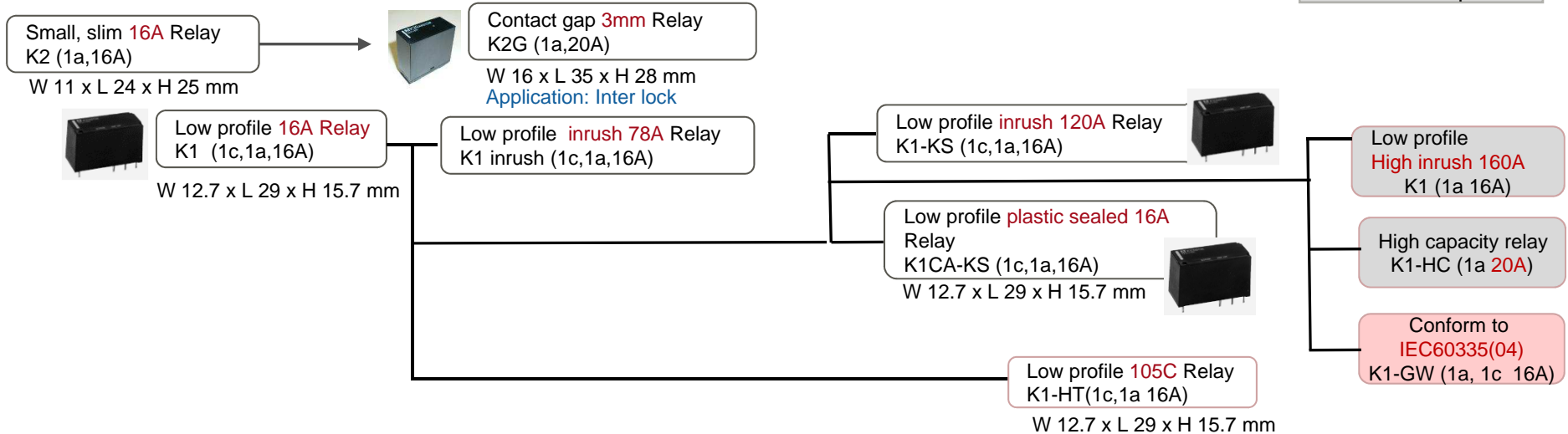
Power Relays (2)



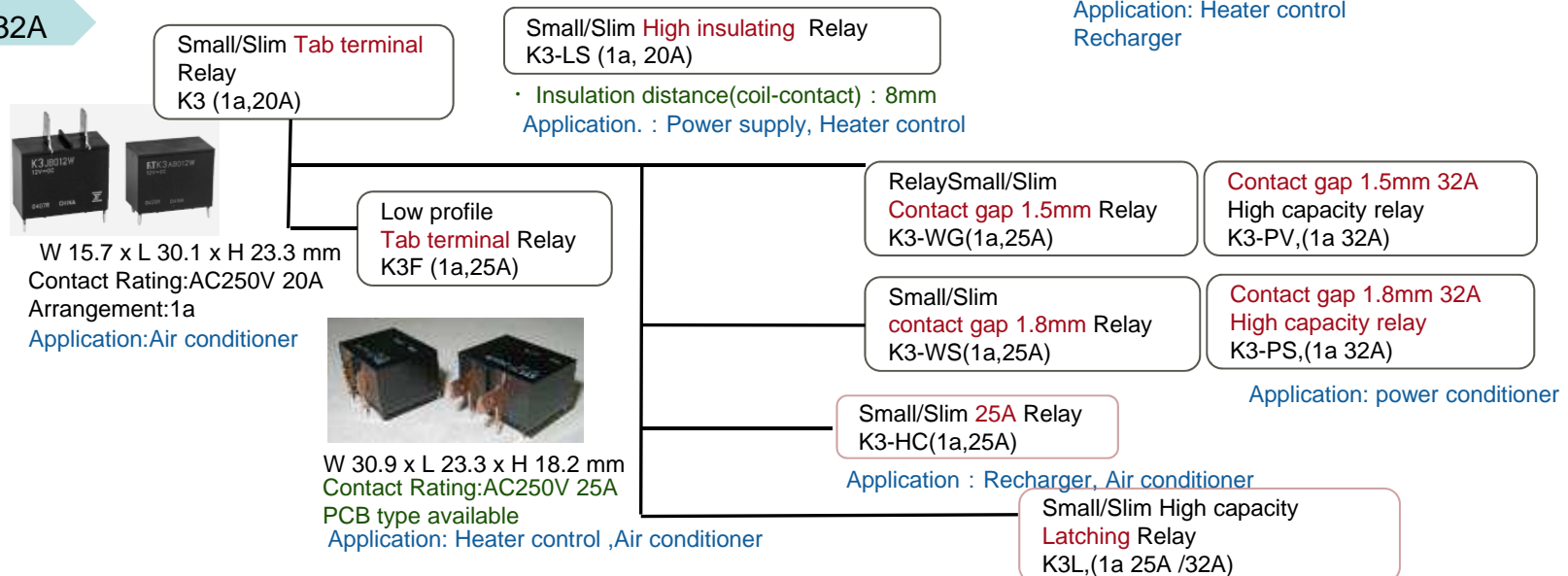
10 to 20A

NEW

Under development



20 to 32A



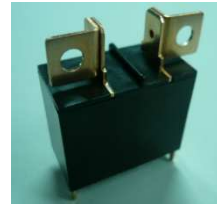
Power Relays (3)



NEW

Under development

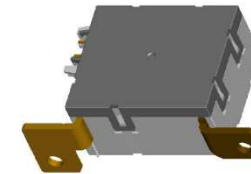
32 to 60A



Small/Slim **60 A** Relay
K3LV(1a,60A)

W 15.7 x L30.1 x H23.3 mm

60 to 120A



Smart meter
120A Relay
K4 (1a, 120A)

DC



DC Relay
B3/B4-HV (2c, **400VDC 1mA**)

B3:W 8.2 x L 10.6x H 5.45 mm
B4:W 5.7 x L 10.6x H 9 mm



DC High capacity Relay
K2W (1a, **60Vdc 30A**)

W 34.9 x L 36.5 x H 30.2 mm
Application: **Telecom base-station**



Ultra small High DC
voltage Relay
J2 (1a x 2 ,**450VDC 10A**)

W 23.5 x L 24 x H 27 mm

Application: **Power supply, UPS**



Smart High DC
voltage Relay
E1 (1a,
450VDC 20A)

W 28.3 x L 43.6 x H 36.8 mm

Application:
Solar Power Systems
High Voltage DC Load control



Smart High DC
voltage Relay
E1 (1a,
450VDC 30A)

W 28.3 x L 43.6 x H 36.8 mm

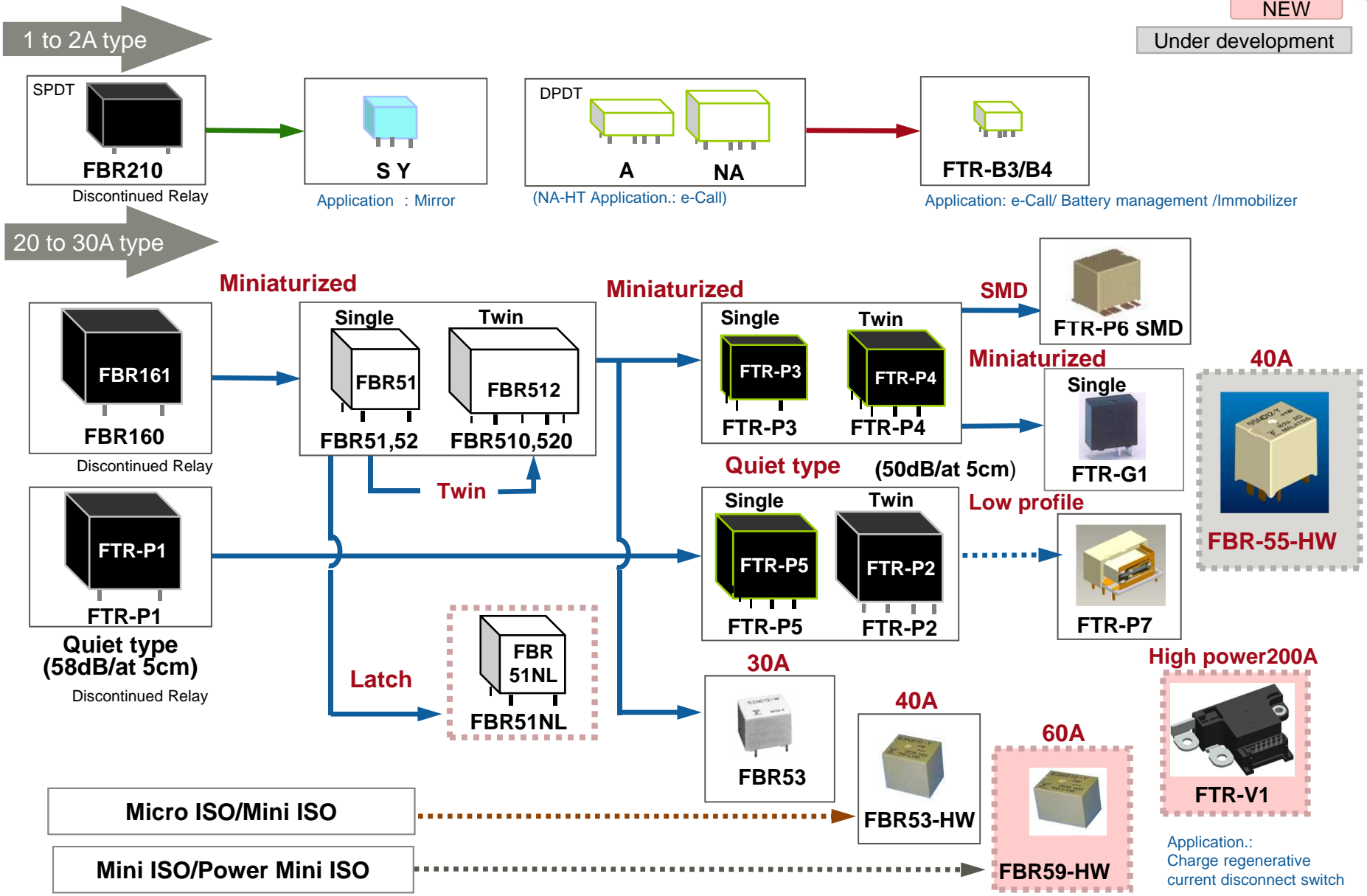
Application:
Power Storage System
V2H,V2L

Automotive Relay Roadmap (1)



NEW

Under development



Automotive Relay Roadmap (2)

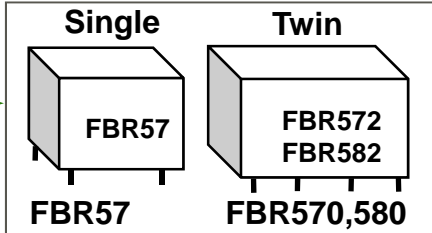
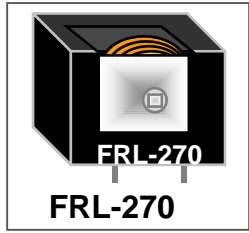


NEW

Under development

Automotive electric component

Miniaturized

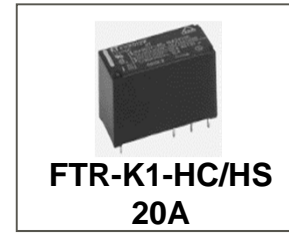


EV/PHV/HV Recharger

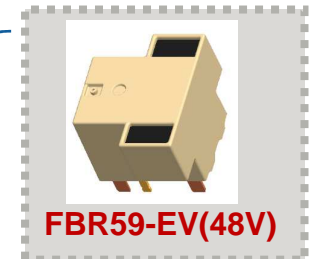
AC Side 250V



Operating range 105deg C
Application: On-board charger



New 40A



Application: 48V battery system

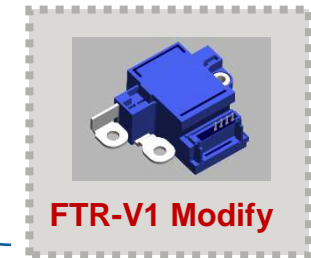
DC Side 450V

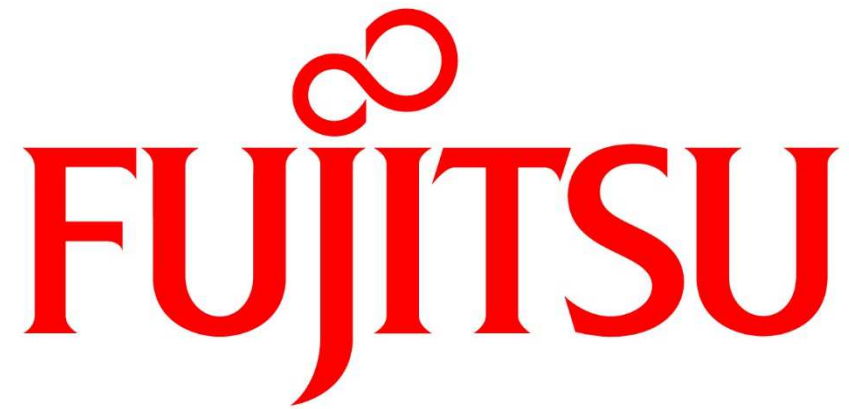


Application: On-board pre-charger



Application: On-board charger, Wireless charger





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