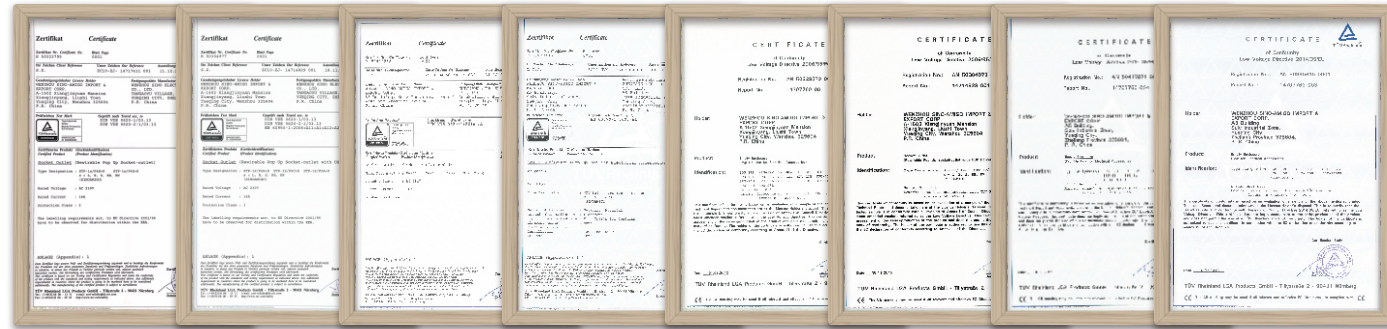PD

QC 3.0

MODULES FAMILY

One system, many options.

Various module options to meet different countries' standard. Our extensive selection of Type 45 series modules: USB chargers, power, data and multimedia are ideally suited for installation in floor boxes, desktop box, wall and trunking system.
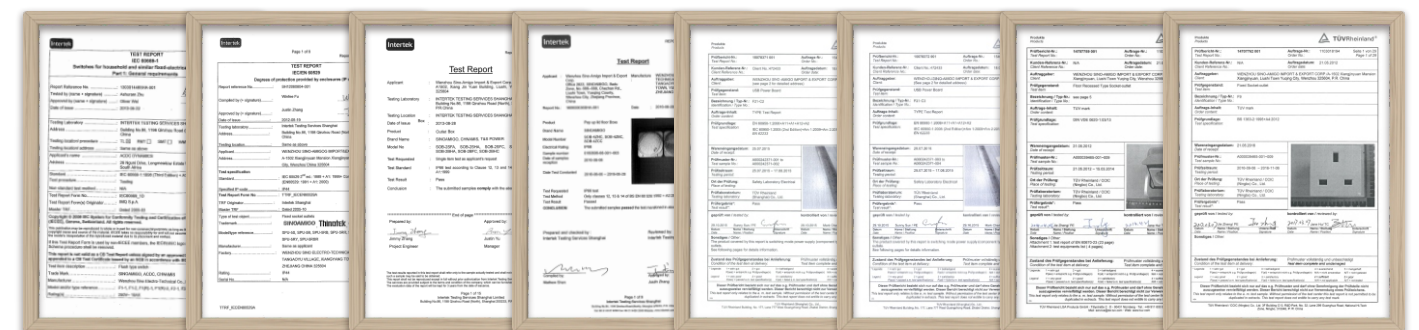
Product Certifications

TUV

FCC

CE

Other Certifications

RoHS

IEC Testing Report

ETL

Other Testing Report

CONTENTS

*Product images are for illustrative purposes only and may differ from the actual product.

TYPE 45 SERIES USB CHARGER MODULES

F21-C2: Single Port Type A 5W

▲
F21-C2

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	1A
Dimension:	22.5x45mm	Output voltage tolerance:	±5%
DC output power:	5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-C2A: Dual Port Type A+A 10.5W (total)

▲
F21-C2A

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	22.5x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W for toal	No-load power consumption:	0.20W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-C2B: Dual Port Type A+C 10.5W (total)

▲
F21-C2B

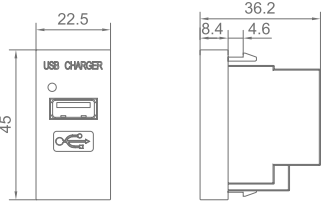| Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	22.5x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W for total	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

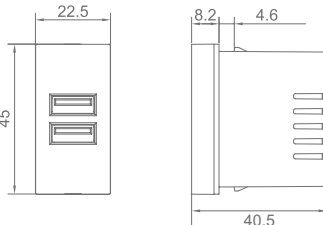Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Port USB charger Type A 1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
- Approval: REACH, RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+A 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
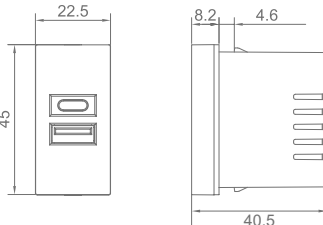
Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+C 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
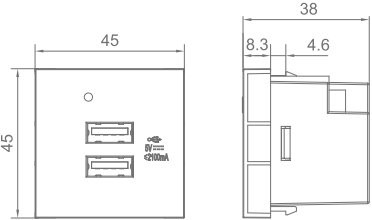
Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+A 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
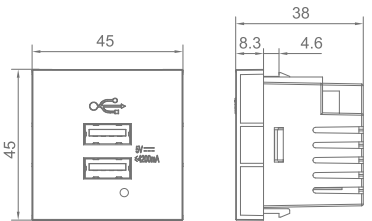- Approval: REACH, RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+A 4.2A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
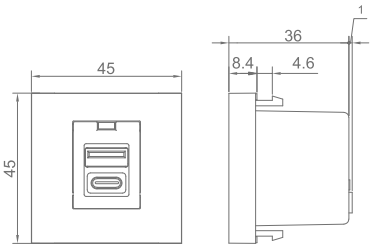- Approval: CB, CE, REACH, RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+C 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.

TYPE 45 SERIES USB CHARGER MODULES

F21-C3(2.1A): Dual Port Type A+A 10.5W (total)

▲
F21-C3(2.1A)

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W for total	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-C3(4.2A): Dual Port Type A+A 21W (total)

▲
F21-C3(4.2A)

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	4.2A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W for single, 21.0W for total	No-load power consumption:	0.10W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥83%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-C4: Dual Port Type A+C 10.5W (total)

▲
F21-C4

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W for total	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-C5: Single Port Type A 10.5W

F21-C5

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Port USB charger Type A 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
- Approval: REACH, RoHS.

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃~+40℃ 20%～90%RH

Storage temperature and humidity: -20℃~+85℃ 10%～95%RH

F21-C6 (4.2A): Dual Port Type A+C 21W (total)

F21-C6(4.2A)

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+C 4.2A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
- Approval: CB, CE, REACH, RoHS.

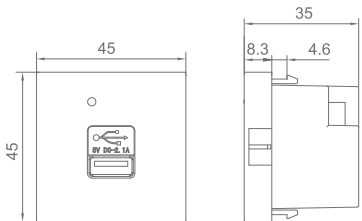| Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	4.2A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W for single, 21.0W for toal	No-load power consumption:	0.10W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥83%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃~+40℃ 20%～90%RH

Storage temperature and humidity: -20℃~+85℃ 10%～95%RH

F21-C7: Dual Port Type C+C 10.5W (total)

F21-C7

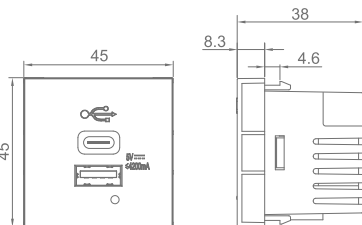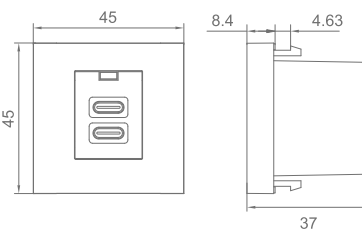### Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type C+C 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.
- Approval: REACH, RoHS.

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃~+40℃ 20%～90%RH

Storage temperature and humidity: -20℃~+85℃ 10%～95%RH

TYPE 45 SERIES USB CHARGER MODULES

F21-C8: Dual Port Type A+A 10.5W (total)
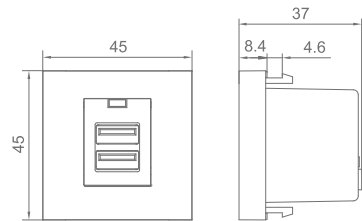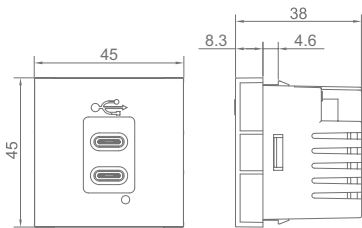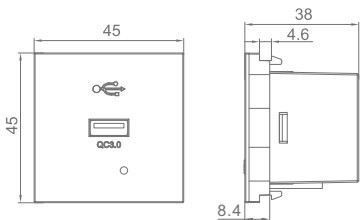

F21-C8

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type A+A 2.1A version.
- With smart chip that enables accurate device recognition for fast & effective charging.

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	10.5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃~+40℃ 20%～90%RH

Storage temperature and humidity: -20℃~+85℃ 10%～95%RH

F21-C9: Dual Port Type C+C 21W (total)

F21-C9

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB charger Type C+C 4.2A version.
- With smart chip that enables accurate device recognition for fast & effective charging.

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	3A single
Dimension:	45x45mm	Output voltage tolerance:	±5%
DC output power:	21W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃~+40℃ 20%～90%RH

Storage temperature and humidity: -20℃~+85℃ 10%～95%RH

F21-QC1: Single Port Type A 18W with QC3.0

F21-QC1

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Type A USB Quick Charger.
- Supports USB QC3.0 protocol.
- With smart chip that enables accurate device recognition for fast & effective charging.
- Approval: REACH, RoHS.

Colors:	White, Black	Output current voltage:	5V⎓3A, 9V⎓2A, 12V⎓1.5A
Material:	PC	Dimension:	45x45mm
DC output power:	18W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☐ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃~+40℃ 20%～90%RH

Storage temperature and humidity: -20℃~+85℃ 10%～95%RH

TYPE 45 SERIES USB CHARGER MODULES

F21-QC2: Single Port Type C 20W with PD

F21-QC2

Colors:	White, Black	Output current voltage:	5V⎓3A, 9V⎓2A,12V⎓1.67A
Material:	PC	Dimension:	45x45mm
DC output power:	20W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-QC3: Dual Port Type A+C 20W with PD, QC3.0

F21-QC3

Colors:	White, Black	Output current voltage:	Type-A+Type-C: 5V⎓3A total
Material:	PC		Type-A: 5V⎓3A, 9V⎓2A, 12V⎓1.5A
Dimension:	45x45mm		Type-C:5V⎓3A, 9V⎓2A, 12V⎓1.67A
DC output power:	20W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH
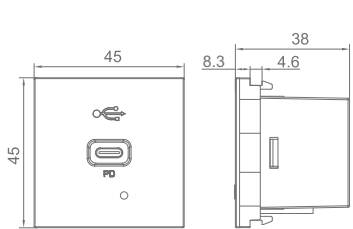
F21-QC4: Dual Port Type A+C 30W with PD, QC3.0

F21-QC4

Colors:	White, Black	Output current voltage:	Type-A+Type-C: 5V⎓2.4A total
Material:	PC		Type-A: 5V⎓3A, 9V⎓3A, 12V⎓2.5A,15V⎓1.5A
Dimension:	45x45mm		Type-C: 5V⎓3A, 9V⎓2A, 12V⎓2.5A, 15V⎓2A, 20V⎓1.5A
DC output power:	30W MAX	No-load power consumption:	0.06W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥85.6%
Connection mode:	Screw terminals	Available surface finish:	Matte ☑ Glossy ☑

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

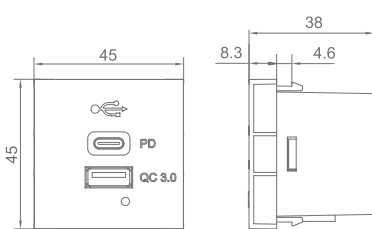Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Type C USB Quick Charger.
- Supports USB PD and QC3.0 protocol.
- With smart chip that enables accurate device recognition for fast & effective charging.
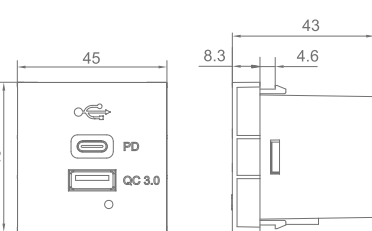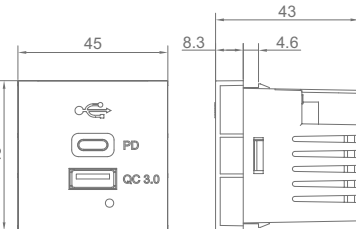- Approval: REACH, RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB Quick charger Type A+C.
- Supports USB PD and QC3.0 protocol.
- With smart chip that enables accurate device recognition for optimized & effective charging.
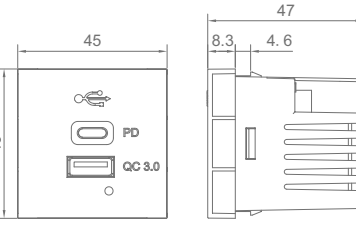
Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB Quick charger Type A+C.
- Supports USB PD and QC3.0 protocol.
- With smart chip that enables accurate device recognition for optimized & effective charging.
- Approval: CB, CE, RoHS, REACH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB Quick charger Type A+C.
- Supports USB PD and QC3.0 protocol.
- With smart chip that enables accurate device recognition for optimized & effective charging.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB Quick charger Type A+C.
- Supports USB PD and QC3.0 protocol.
- With smart chip that enables accurate device recognition for optimized & effective charging.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Dual Port USB Quick charger Type C+C.
- Supports USB PD protocol.
- With smart chip that enables accurate device recognition for optimized & effective charging.
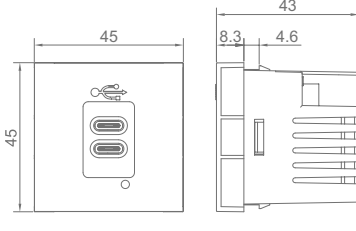
TYPE 45 SERIES USB CHARGER MODULES

F21-QC5: Dual Port Type A+C 45W with PD, QC3.0

F21-QC5

Colors:	White, Black	Output current voltage:	Type-A+Type-C: 5V⎓3.1A total
Material:	PC		Type-A: 5V⎓3A, 9V⎓3A, 12V⎓3A, 20V⎓2.25A
Dimension:	45x45mm		Type-C: 5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓2.25A
DC output power:	45W MAX	No-load power consumption:	0.1W MAX
Input voltage:	100~240V/AC 50~60HZ	Available surface finish:	Matte ☑ Glossy ☑
Connection mode:	Screw terminals		

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-QC6: Dual Port Type A+C 65W with PD, QC3.0

F21-QC6

Colors:	White, Black	Output current voltage:	Type-A+Type-C: 5V⎓2.4A total
Material:	PC		Type-A: 5V⎓3A, 9V⎓2A, 12V⎓1.5A
Dimension:	45x45mm		Type-C: 5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓3.25A
DC output power:	65W MAX	No-load power consumption:	0.21W MAX
Input voltage:	100~240V/AC 50~60HZ	Available surface finish:	Matte ☑ Glossy ☑
Connection mode:	Screw terminals		

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F21-QC7: Dual Port Type C+C 30W with PD

F21-QC7

Colors:	White, Black	Output current voltage:	Type-C+Type-C: 5V⎓3A total
Material:	PC		Type-C: 5V⎓3A, 9V⎓3A, 12V⎓2.5A
Dimension:	45x45mm		15V⎓2A, 20V⎓1.5A
DC output power:	30W MAX	No-load power consumption:	0.1W MAX
Input voltage:	100~240V/AC 50~60HZ	Available surface finish:	Matte ☑ Glossy ☑
Connection mode:	Screw terminals		

Working temperature and humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH
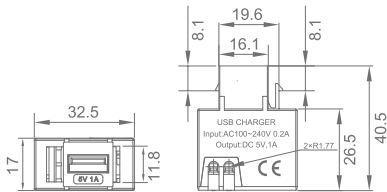
TYPE 45 SERIES USB CHARGER MODULES

K21: Keystone Type A 5W

▲
K21

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	1A
Dimension:	16.1x14.5mm	Output voltage tolerance:	±5%
DC output power:	5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals		

Working temperature and humidity:
Environmental requirements: -10℃~+40℃ 20%~90%RH
Storage temperature and humidity: -20℃~+85℃ 10%~95%RH

K22: Keystone Type A 10.5W

▲
K22

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	16.1x14.5mm	Output voltage tolerance:	±5%
DC output power:	10.5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals		

Working temperature and humidity:
Environmental requirements: -10℃~+40℃ 20%~90%RH
Storage temperature and humidity: -20℃~+85℃ 10%~95%RH

K22C: Keystone Type C 10.5W

▲
K22C

Colors:	White, Black	USB output voltage:	DC 5.0V
Material:	PC	USB output current:	2.1A
Dimension:	16.1x14.5mm	Output voltage tolerance:	±5%
DC output power:	10.5W MAX	No-load power consumption:	0.2W MAX
Input voltage:	100~240V/AC 50~60HZ	Effciency:	≥78%
Connection mode:	Screw terminals		

Working temperature and humidity:
Environmental requirements: -10℃~+40℃ 20%~90%RH
Storage temperature and humidity: -20℃~+85℃ 10%~95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Port USB charger Type A 1A version.
- Easily snaps into all keystone wall plates, patch panels or surface-mount box.
- With smart chip that enables accurate device recognition for optimized & effective charging.
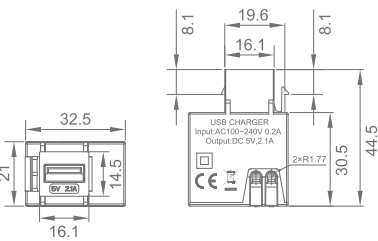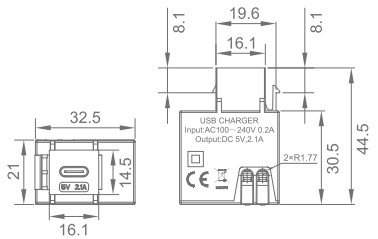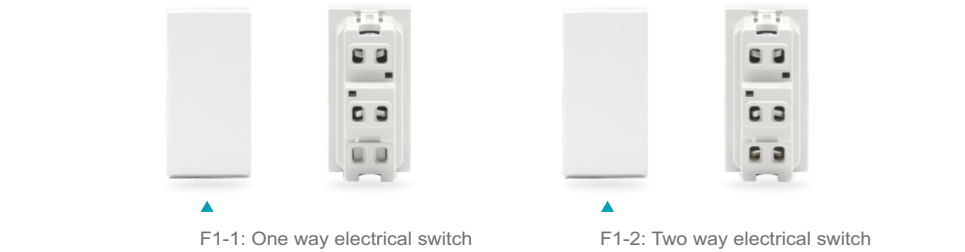- Approval: CE-LVD, SAA.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Port USB charger Type A 2.1A version.
- Easily snaps into all keystone wall plates, patch panels or surface-mount box.
- With smart chip that enables accurate device recognition for optimized & effective charging.
- Approval: CE-LVD, SAA.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Single Port USB charger Type C 2.1A version.
- Easily snaps into all keystone wall plates, patch panels or surface-mount box.
- With smart chip that enables accurate device recognition for optimized & effective charging.
- Approval: CE-LVD, SAA.

TYPE 45 SERIES POWER MODULES

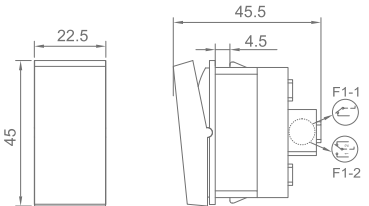# TYPE 45 SERIES POWER MODULES

F1: Electrical switch 10A

▲ F1-1: One way electrical switch

▲ F1-2: Two way electrical switch

Model	Material	Voltage	Current Capability	Dimension (mm)
F1-1	PC	250V	10A	22.5x45
F1-2	PC	250V	10A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH
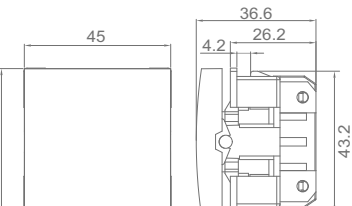
Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F1B: Electrical switch 16A

▲ F1B-1: One way electrical switch

▲ F1B-2: Two way electrical switch

Model	Material	Voltage	Current Capability	Dimension (mm)
F1B-1	PC	250V	16A	22.5x45
F1B-2	PC	250V	16A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F1R: Arc-shaped electrical switch 10A

▲ F1R-1: Arc-shaped One way electrical switch

▲ F1R-2: Arc-shaped Two way electrical switch

Model	Material	Voltage	Current Capability	Dimension (mm)
F1R-1	PC	250V	10A	22.5x45
F1R-2	PC	250V	10A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
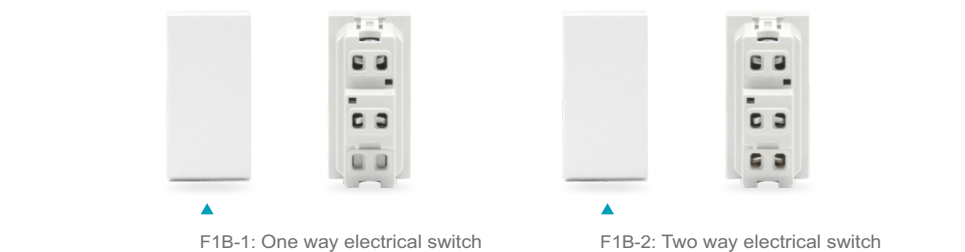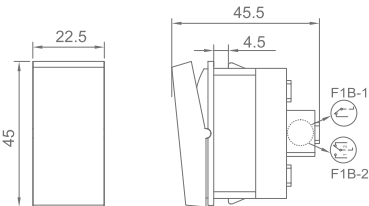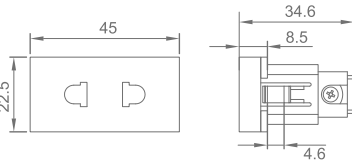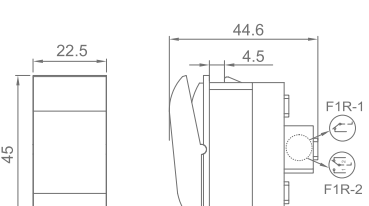- Available Surface Finish:
  Matte ☐   Glossy ☑
- Screw terminals.

▲ F1-1, F1-2

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
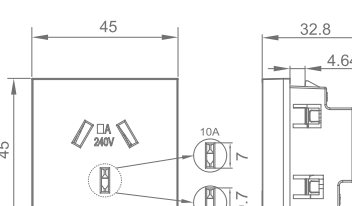- Screw terminals.

▲ F1B-1, F1B-2

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Screw terminals.

▲ F1R-1, F1R-2

TYPE 45 SERIES POWER MODULES

F2: Electrical switch 10A

▲ F2-1: One way electrical switch

▲ F2-2: Two way electrical switch

Model	Material	Voltage	Current Capability	Dimension (mm)
F2-1	PC	250V	10A	45x45
F2-2	PC	250V	10A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F3: Euro/US standard two-pin socket

▲ F3

Model	Material	Voltage	Current Capability	Dimension (mm)
F3	PC	250V	10A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F4AU: Australian standard three-pin socket

▲ F4AU-10A

▲ F4AU-15A

Model	Material	Voltage	Current Capability	Dimension (mm)
F4AU-10A	PC	240V	10A	45x45
F4AU-15A	PC	240V	15A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Screw terminals.

▲ F2-1, F2-2

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- 2 pin socket with safety shutter.
- Screw terminals.
- Approval: RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.
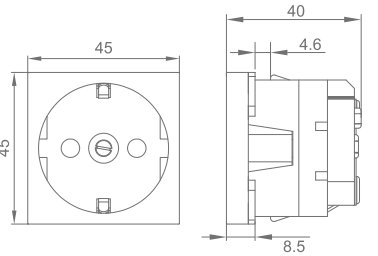- Approval: SAA, RCM.

▲ F4AU-10A, F4AU-15A

TYPE 45 SERIES POWER MODULES

F5: Multi-standard socket

▲ F5-10A

▲ F5-13A

Model	Material	Voltage	Current Capability	Dimension (mm)
F5-10A	PC	250V	10A	45x45
F5-13A	PC	250V	13A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.

F5-FC: Universal socket

▲ F5-FC

Model	Material	Voltage	Current Capability	Dimension (mm)
F5-FC	PC	250V	10A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

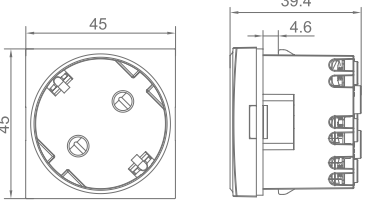Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- 2P+E socket with safety shutter.
- Quick connect terminal(Solid wire).

F6: Schuko socket

▲ F6

▲ F6

Model	Material	Voltage	Current Capability	Dimension (mm)
F6	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White / Black and Red (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.
- Approval: RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 45° orientation.
- 2P+E socket with safety shutter.
- Screw terminals.
- With metal clip accessories, you can fix multiples sockets in parallel orientation.
- Approval: RoHS.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 45° orientation.
- 2P+E socket with safety shutter.
- Quick connect terminal(Solid wire).
- Approval: TUV mark, RoHS.

TYPE 45 SERIES POWER MODULES

F6-T: Schuko socket with screw-on mounting plate

▲ F6-T

Model	Material	Voltage	Current Capability	Dimension (mm)
F6-T	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

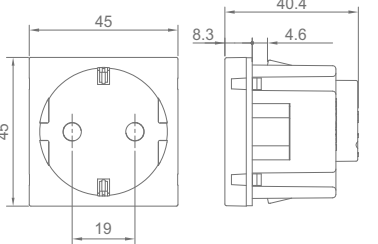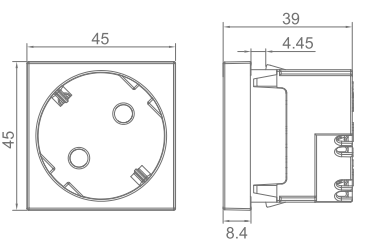Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F6-DS: Schuko socket 45°, gangable

▲ F6-DS

Accessories for Gangable fixing method

Supplied separately

Model	Material	Voltage	Current Capability	Dimension (mm)
F6-DS	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F6-D1: Schuko socket 45°

▲ F6-D1

▲ F6-D1

Model	Material	Voltage	Current Capability	Dimension (mm)
F6-D1	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

TYPE 45 SERIES POWER MODULES

F6-D2: Schuko socket 45°, Two gang

▲ F6-D2

Model	Material	Voltage	Current Capability	Dimension (mm)
F6-D2	PC	250V	16A	90x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☑ Glossy ☑
- 45° orientation.
- 2P+E socket with safety shutter.
- Quick connect terminal(Solid wire).
- Approval: TUV mark, RoHS.

F6-D3: Schuko socket 45°, Three gang

▲ F6-D3

Model	Material	Voltage	Current Capability	Dimension (mm)
F6-D3	PC	250V	16A	135x45

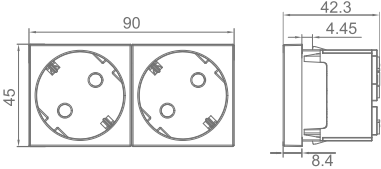**Working Temperature and Humidity:**

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☑ Glossy ☑
- 45° orientation.
- 2P+E socket with safety shutter.
- Quick connect terminal(Solid wire).
- Approval: TUV mark, RoHS.

F7: Israel standard socket

▲ F7

Model	Material	Voltage	Current Capability	Dimension (mm)
F7	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

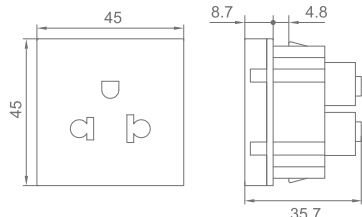Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☑ Glossy ☑
- 45° orientation.
- 2P+E socket with safety shutter.
- Screw terminals.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☑ Glossy ☐
- 2P+E socket with safety shutter.
- Screw terminals.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☑ Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.
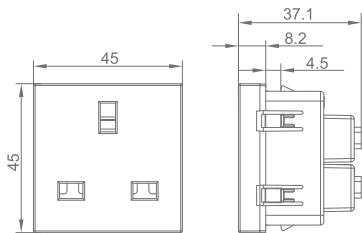- Approval: TUV mark.

Features

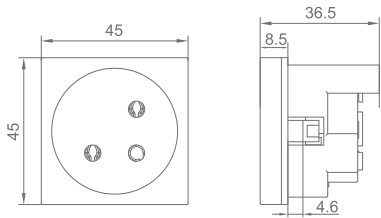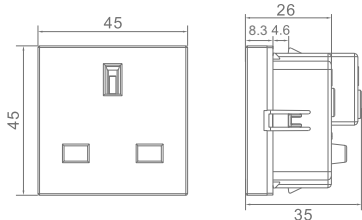- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☐ Glossy ☑
- Double Pole Switch
- 2P+E socket with safety shutter.
- Screw terminals.
- Approval: GCC.

TYPE 45 SERIES POWER MODULES

F8: Euro/US standard socket

▲ F8

Model	Material	Voltage	Current Capability	Dimension (mm)
F8	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F9: British standard socket

▲ F9

Model	Material	Voltage	Current Capability	Dimension (mm)
F9	PC	250V	13A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

F9-G: British standard socket, Double pole

▲ F9-G

Model	Material	Voltage	Current Capability	Dimension (mm)
F9-G	PC	250V	13A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

TYPE 45 SERIES POWER MODULES
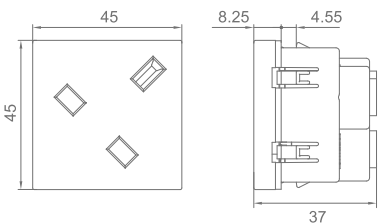
F9D: British standard socket 45°

▲ F9D

Model	Material	Voltage	Current Capability	Dimension (mm)
F9D	PC	250V	13A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☐ Glossy ☑
- 45° orientation.
- 2P+E socket with safety shutter.
- Screw terminals.

F30: South African standard socket, SANS 164-1

▲ F30

Model	Material	Voltage	Current Capability	Dimension (mm)
F30	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☐ Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.

F30M: South African standard socket, SANS 164-2

▲ F30M

Model	Material	Voltage	Current Capability	Dimension (mm)
F30M	PC	250V	16A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

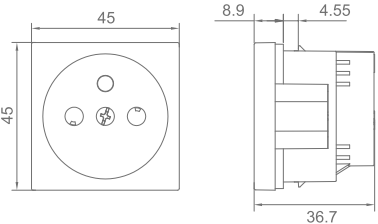Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☐ Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.
- Approval: RoHS.

TYPE 45 SERIES POWER MODULES

F36: French socket with screw-on mounting plate

▲ F36

Model	Material	Voltage	Current Capability	Dimension (mm)
F36	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

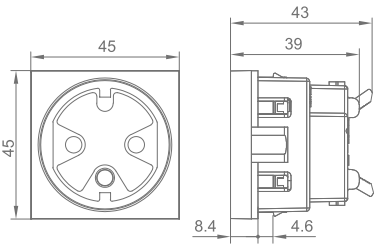Storage temperature and humidity: -20°C～+85°C 10%～95%RH
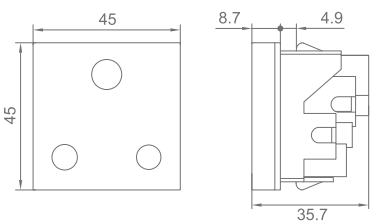
Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☐ Glossy ☑
- 2P+E socket with safety shutter.
- Supplied with tamperproof insert which fits directly into the plug
- Quick connect terminal(Solid wire).

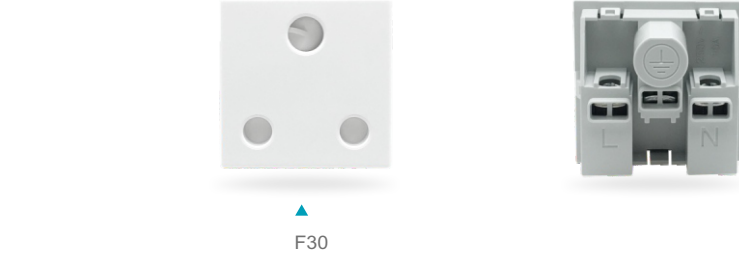## F36-FC: French socket with tamperproof insert

▲ F36-FC

Tamperproof insert

Model	Material	Voltage	Current Capability	Dimension (mm)
F36-FC	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish: Matte ☐ Glossy ☑
- 45° orientation, screw terminals.
- 2P+E socket with safety shutter.
- Supplied with tamperproof insert which fits directly into the plug
- With metal clip accessories, you can fix multiples sockets in parallel orientation.

F36-FS: French socket 45°, gangable with tamperproof insert

▲ F36-FS

Accessories for Gangable fixing method

Supplied separately

Model	Material	Voltage	Current Capability	Dimension (mm)
F36-FS	PC	250V	16A	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F37: Italian standard socket, 16A

F37
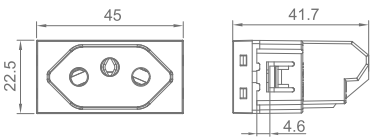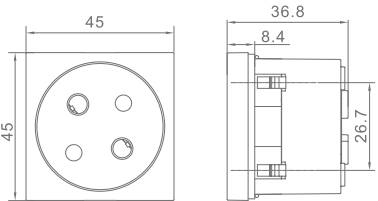
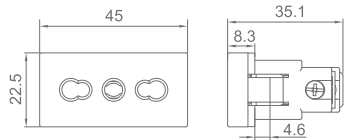| Model	Material	Voltage	Current Capability	Dimension (mm)
F37	PC	250V	16A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.
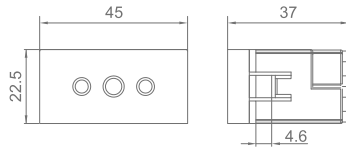

F38: Italian standard socket, 10A

F38

Model	Material	Voltage	Current Capability	Dimension (mm)
F38	PC	250V	10A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.


F40: Brazilian standard socket

F40/10W

F40/20W

Model	Material	Voltage	Current Capability	Dimension (mm)
F40/10W	PC	250V	10A	22.5x45
F40/20W	PC	250V	20A	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.

F40/10W
F40/20W

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.

F45: Swiss socket

F45
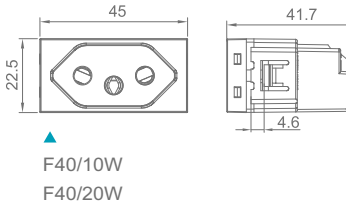
Model	Material	Voltage	Current Capability	Dimension (mm)
F45	PC	250V	10A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

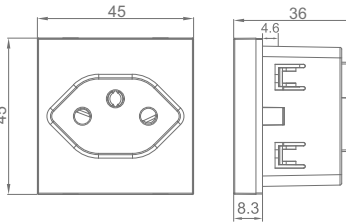Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- 2P+E socket with safety shutter.
- Screw terminals.

F46: Danish socket

F46
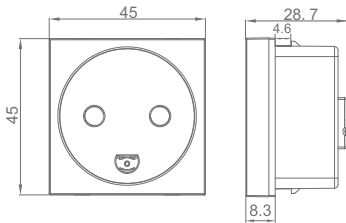
Model	Material	Voltage	Current Capability	Dimension (mm)
F46	PC	250V	13A	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

TYPE 45 SERIES POWER MODULES

F42: Smart switch, one module size

▲
F42

Features

• Color Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☐   Glossy ☑

• Pre-wired switch.

Model:	F42	Color:	White
Material:	PC	Dimension:	22.5x45mm
Rated Current:	16A	Voltage:	100V~240V AC
Wireless Standard:	Wi-Fi IEEE 802.11b/g/n 2.4GHz	Security System:	WPA-PSK/WPA2-PSK

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH
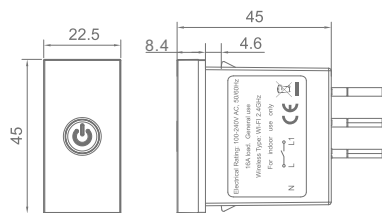
F43: Smart switch, two module size

▲
F43

Features

• Color Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
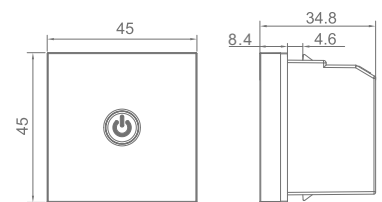Matte ☐   Glossy ☑

• Screw terminals.

Model:	F43	Color:	White
Material:	PC	Dimension:	45x45mm
Rated Current:	16A	Voltage:	100V~240V AC
Wireless Standard:	Wi-Fi IEEE 802.11b/g/n 2.4GHz	Security System:	WPA-PSK/WPA2-PSK

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

APP REMOTE CONTROL
Control your devices wirelessly from anywhere using the Tuya APP on your smartphone.
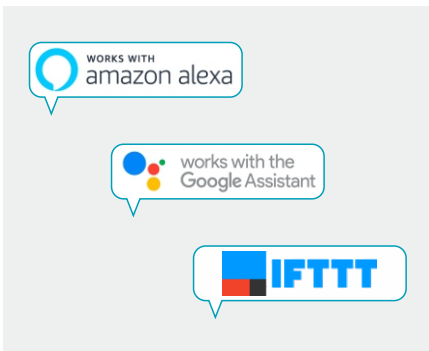
HANDS-FREE VOICE CONTROL
Works seamlessly with Amazon Alexa, Google Assistant and IFTTT to control your lights, plugs and other devices.

SET SCHEDULES/TIMERS
Create scheduled timers to automatically turn on/off your home appliances based on your preferences.

Data and images constitute no commitment whatsoever. We reserve the right to modify the contents of this document without prior notice on the basis of technical product developments.

TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

## F10: Blanking plates, one module size

F10

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- Blanking plates.

Model	Material	Dimension (mm)
F10	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

22.5   4.8
8
45
21.7

F10-2: Blanking plates, two module size

F10-2

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑
- Blanking plates.

Model	Material	Dimension (mm)
F10-2	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

45   4.8
8
45
24.1
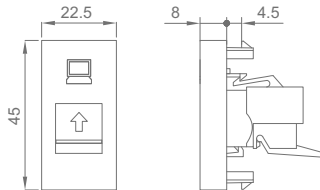
F11: RJ11 telephone socket with shutter

F11

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- RJ11 telephone socket with shutter.
- Regular with 4 contacts.
- Special request for 2 contacts or 6 contacts on demand.

Model	Material	Dimension (mm)
F11	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

22.5   8   4.5
45
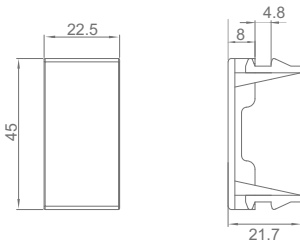
Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- F12(Cat 5e): RJ45 socket with shutter.
- F12(Cat 6): Cat6/6A RJ45 socket with shutter.

22.5   8   4.5
45

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☑   Glossy ☑

24.3
22.5   14.8
45
8.5   13.3

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Adaptor for RJ45/RJ11 connector with window and shutter.

45   21.4
8 5.3
45

TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

F12: RJ45 socket with shutter

F12(Cat 6/6A)*
*(Keystone image shown: Cat6)

Model	Material	Dimension (mm)
F12(Cat 6/6A)	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH
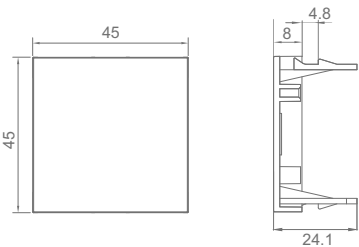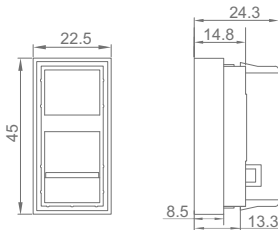
F12B: Adaptor for RJ45/RJ11 connector with window and shutter

F12B

Model	Material	Dimension (mm)
F12B	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F12D-1: Adaptor for RJ45/RJ11/ connector with window and shutter

F12D-1

Model	Material	Dimension (mm)
F12D-1	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

F12D-2: Adaptor for RJ45/RJ11/HDMI/USB connector with window
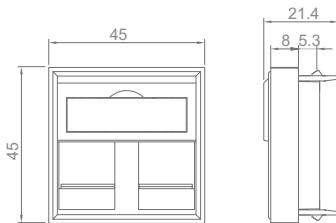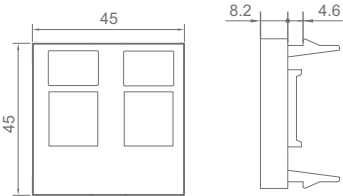

F12D-2

Features

• Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☑ Glossy ☐

• Adaptor for RJ45/RJ11 connector with window.

Model	Material	Dimension (mm)
F12D-2	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

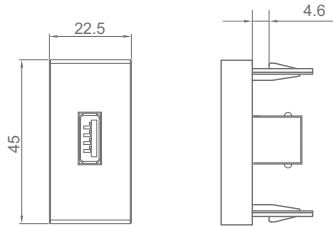### F12E: Adaptor for RJ45/RJ11 connector with window and shutter

F12E

Features

• Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☑ Glossy ☑

• Adaptor for RJ45/RJ11 connector with window and shutter.

Model	Material	Dimension (mm)
F12E	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F20: Cable exit

F20

Features

• Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☐ Glossy ☑

• Cable exit.

Model	Material	Dimension (mm)
F20	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

F21: USB 2.0 data socket, soldering connection
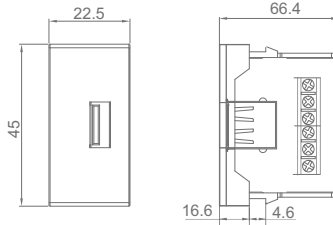

F21

Features

• Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☐ Glossy ☑

• Soldering connection.

Model	Material	Dimension (mm)
F21	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH
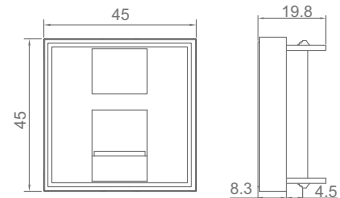
F21B: USB 2.0 data socket, screw terminals

F21B

Features

• Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☐ Glossy ☑

• Screw terminals.

Model	Material	Dimension (mm)
F21B	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

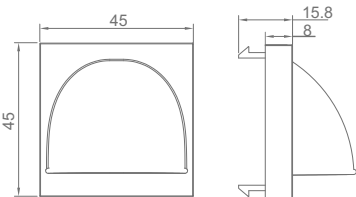Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F21D: USB 3.0 data socket, Female to Female connector
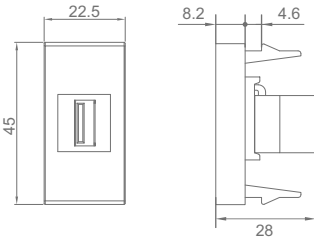

F21D

Features

• Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

• Available Surface Finish:
Matte ☐ Glossy ☑

• Female to Female connector.

Model	Material	Dimension (mm)
F21D	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

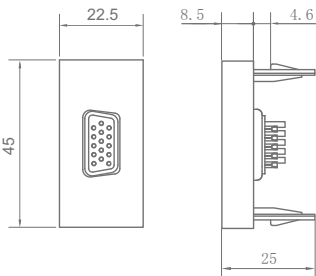## F22: Female VGA socket, soldering connection

▲
F22

Model	Material	Dimension (mm)
F22	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F23: Male VGA socket, soldering connection

▲
F23

Model	Material	Dimension (mm)
F23	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F29: HDMI socket, one module size

▲
F29

Model	Material	Dimension (mm)
F29	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

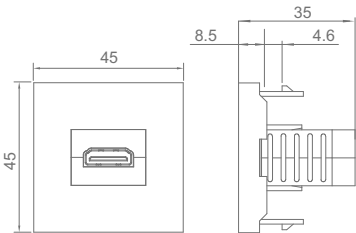Storage temperature and humidity: -20°C～+85°C 10%～95%RH

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Female VGA socket.
- 15 contacts.
- Soldering connection.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Male VGA socket.
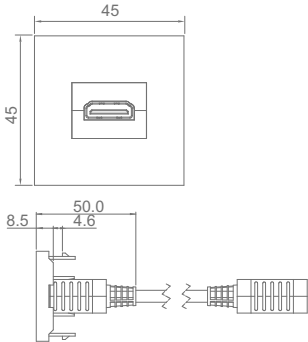- 15 contacts.
- Soldering connection.
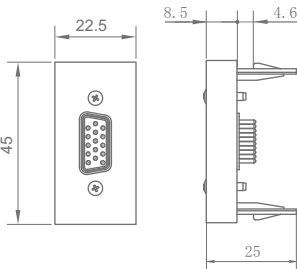
Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Female to Female connector.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Female to Female connector.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Pre-terminated HDMI socket.
- Equipped with 15cm length cord.

Features

- Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)
- Available Surface Finish:
  Matte ☐   Glossy ☑
- Ø3.5 jack connector for audio.
- Screw terminals.

TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

F29-C1: HDMI socket, two module size

▲
F29-C1

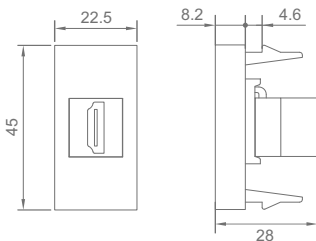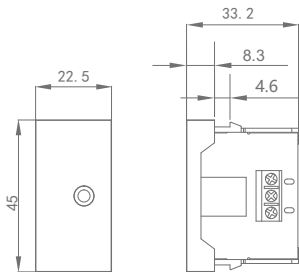| Model	Material	Dimension (mm)
F29-C1	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F29-C4: Pre-terminated HDMI socket, two module size

▲
F29-C4

Model	Material	Dimension (mm)
F29-C4	PC	45x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

F35: Ø3.5mm jack connector for stereo connection

▲
F35

Model	Material	Dimension (mm)
F35	PC	22.5x45

Working Temperature and Humidity:

Environmental requirements: -10°C～+40°C 20%～90%RH

Storage temperature and humidity: -20°C～+85°C 10%～95%RH

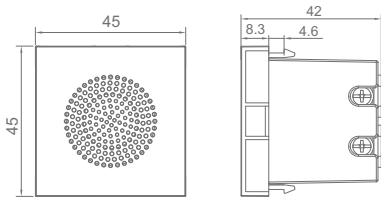# TYPE 45 SERIES DATA AND MULTIMEDIA MODULES

F41: Bluetooth speaker module

▲
F41

Model	Material	Voltage	Speaker Power	Operating Range	Dimension (mm)
F41	PC	100V~240V AC	3W	10 meters(33 feet)	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

•Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

•Available Surface Finish:
Matte ☑   Glossy ☐

•Impedance: 4Ω

•Frequency Range: 120Hz~18KHz

•Signal-to-noise Ratio: ≥95dB

•Bluetooth Version: 5.0

•Approval: RF

45   42
8.3   4.6
45

F41-M: Bluetooth speaker module, with microphone & switch

▲
F41-M

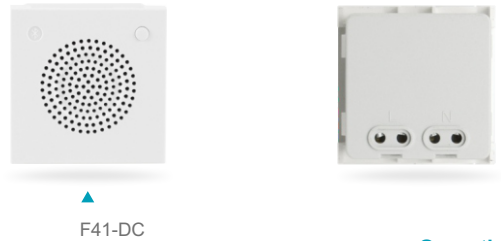| Model	Material	Voltage	Speaker Power	Operating Range	Dimension (mm)
F41-M	PC	100V~240V AC	3W	10 meters(33 feet)	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

•Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

•Available Surface Finish:
Matte ☑   Glossy ☐

•Impedance: 4Ω

•Frequency Range: 120Hz~18KHz

•Signal-to-noise Ratio: ≥95dB

•Bluetooth Version: 5.0

•With microphone & switch

45   42
8.3   4.6
45
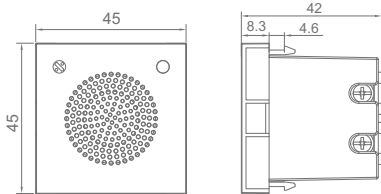
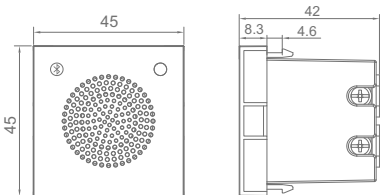## F41-DC: Bluetooth speaker module, support dual channel stereo

▲
F41-DC

Model	Material	Voltage	Speaker Power	Operating Range	Dimension (mm)
F41-DC	PC	100V~240V AC	3W	10 meters(33 feet)	45x45

Working Temperature and Humidity:

Environmental requirements: -10℃～+40℃ 20%～90%RH

Storage temperature and humidity: -20℃～+85℃ 10%～95%RH

Features

•Colors Available: White and Black (Can be supplied in any RAL color to meet your requirements. Subject to MOQ)

•Available Surface Finish:
Matte ☑   Glossy ☐

•Impedance: 4Ω

•Frequency Range: 120Hz~18KHz

•Signal-to-noise Ratio: ≥95dB

•Bluetooth Version: 5.0

•With microphone & switch

•Support dual channel stereo when two units are paired.

45   42
8.3   4.6
45

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