

Galion™

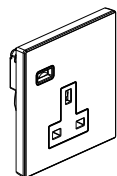
BS 13A Socket with USB

Cat. No(s): 2 824 40A/41A/82A/83A-XX M

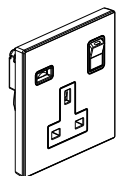
2 824 64 / 2 823 36-XX

"XX" = Color / finishes: C, C1, C2, C3

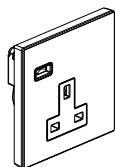
"M" = Malaysia



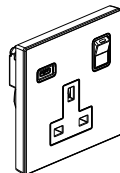
2 824 40A-XX



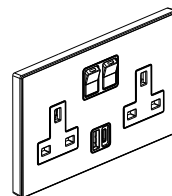
2 824 41A-XX M



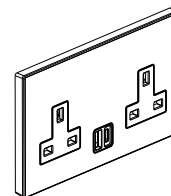
2 824 82A-XX



2 824 83A-XX



2 823 36-XX



2 824 64-XX

1. USE

Sockets with USB chargers for recharging portables devices such as smart phones, tablets, powerbanks, etc.
(Supplied with M3.5 screws for Flush mounting or surface mounting BS boxes.)

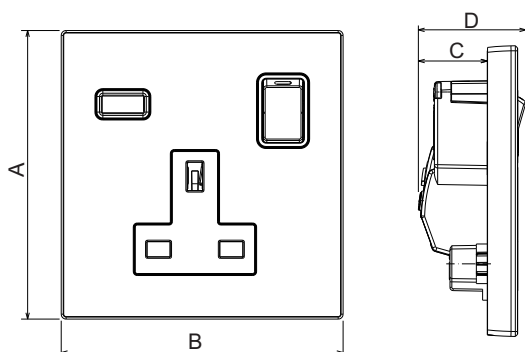
2. RANGE

Designation	Cat. NO.
1G BS 13A UNSWITCHED SOCKET + USB TYPE A 15W	2 824 40A-XX
1G BS 13A SWITCHED SOCKET + USB TYPE A 15W	2 824 41A-XX M
1G BS 13A UNSWITCHED SOCKET + USB TYPE C 18W	2 824 82A-XX
1G BS 13A SWITCHED SOCKET + USB TYPE C 18W	2 824 83A-XX
2G BS 13A SP SWITCHED SOCKET WITH USB A+C 27W	2 823 36-XX
2G BS 13A SP UNSWITCHED SOCKET WITH USB A+C 27W	2 824 64-XX

Colours

- Front: white/rose golden/champagne/dark silver
- Rear: white/rose golden/champagne/dark silver
- X XXX XX White
- X XXX XX-C M Matt black
- X XXX XX-C1 M Rose golden
- X XXX XX-C2 M Champagne
- X XXX XX-C3 M Dark silver

3. DIMENSIONS (mm)



3. DIMENSIONS (mm)(continued)

References	A	B	C	D
2 824 40A/41A/82A/83A-XX M	86	86	20.9	32.7
2 824 64/2 823 36 XX	86	146	18.8	30.5

Box depth $\geq$ 35 mm

4. CONNECTION

Terminals

The type of Terminals : pillar terminal

Terminal capacity: $3 \times 1 \text{ mm}^2$

$3 \times 1.5 \text{ mm}^2$

$2 \times 2.5 \text{ mm}^2$

$1 \times 4 \text{ mm}^2$

$1 \times 6 \text{ mm}^2$

Recommended screwdriver size: 4 mm flat blade

Recommended stripping length: 12 mm

5. TECHNICAL CHARACTERISTICS

5.1 Material characteristics

Rocker: Polycarbonate

Frame: Polycarbonate

Base: Polyamide

Self-extinguishing:

+ 850° C / 30 s for insulating parts holding live parts in place

+ 650° C / 30 s for other parts made of insulating materials

5.2 Electrical characteristics

Voltage: 250VAC

Current: 13A

Galion™ 13A BS socket with USB

Cat. No(s): 2 824 40A/41A/82A/83A-XX M

2 820 56 / 2 823 36-XX

"XX" = Color / finishes: C, C1, C2, C3

"M" = Malaysia

5. TECHNICAL CHARACTERISTICS(Continued)

5.3 USB output

All values listed below are measured at an ambient temperature of +25° and after 15minutes of operation.

Power	15W	18W	27W (2 USB)													
Type	Type A	Type C	Type A								Type C					
Compatibility with fast charge protocols details	Normal charging mode	*PD2.0/3.0/QC2.0/3.0/FCP/SCP/APPLE 2.4A/BC1.2	*QC2.0/3.0/FCP/SCP/AFC/APPLE 2.4A/BC1.2								*PD2.0/3.0/QC2.0/3.0/FCP/SCP/AFC/APPLE 2.4A/BC1.2					
Nominal input voltage/ Nominal input frequency	220-250V~ 50/60 Hz	220-250V~ 50/60 Hz	220-250V~ 50/60 Hz													
Nominal output voltage (V)	5	5	9	12	5	9	10	12	5	9	12	15	20	5	5	
Nominal output Current (A)	3	3	2	1.5	3	3	2	2.25	3	3	2.25	1.8	1.35	2.4	2.4	
Maximum input current	300mA	500mA	800mA													
Power average efficiency	85%	85.45%	87.5%													
Maximum power consumption in standby	<0.1W															
No-load consumption and average energy efficiency: Level VI**																
Protection class	II - Low voltage															

* PD : Power delivery QC : Quick Charge

5.4 Climatic characteristics

Storage temperatures: -10°C to +70°C

Operating temperatures: -5°C to +35°C

5.5 Mechanical characteristics

Impact test: IK04

Protection against liquids: IP20

6. CLEANING

Surface cleaning with a soft, slightly damp cloth.

Do not use: acetone, tar remover, trichloroethylene

7. CONFORMITY - APPROVALS

Conform to EN IEC 62368-1; BS EN 62680-1-1; BS 1363-2