EXCEL life

WHERE SMART MEETS STYLE

WIRING DEVICES FOR COMMERCIAL APPLICATIONS

CATALOGUE
PAGES
INSIDE

SOLUTIONS FOR
COMMERCIAL

Add charging
stations to conference
halls and meeting rooms
See page 36

EC787/2XWE + EMUSB2PSAWE + EMUSB1CWE

MECHANISMS FOR EVERY PROJECT
IMPROVING PRODUCTIVITY
AND CONVENIENCE

Whether your latest project is an office, restaurant or retail store, Excel Life has everything you need to facilitate and improve the behind-the-scenes of businesses and organisations - it offers the most comprehensive range of functions, in one range, on the market.

Product Environmental Profiles (PEPs) are available for key products - outlining materials, manufacturing, distribution, usage and end-of-life product management.

077599

Wireless Chargers
Perfect for public spaces
and high traffic areas
See page 31

EFFICIENCY TIPS

Try these skirting sensor
lights in corridors
See page 38

EC511WE

**Fan controller
with Time-delay**
Ideal for
conserving
energy,
automatically
turns fan off after
chosen time.
See page 42

ES650TD2WE

**Secure
Plate
Switches**
Ideal for
areas prone
to vandalism
See page 42

ES770/2GPLWE + 2 x EM770WE

**International
Standard
Shaver Socket**
See page 38

EC798WE

CUSTOMISE
THE PERFECT
PANELS FOR
STAFF-ONLY
AREAS
See page 41

Multimedia Panels
Data, video and audio
distribution
for meeting and
function rooms
See page 41

ECCW2HPLWE + 2 x EC770/6GPLWE + EM800BPBLWE + EM800BPRDWE
+ EMRCARDWE + EM820BL1WE + EMRJ45C6WE + EMRJ45C6BU +
2 x EM400TRWE + 2 x EMFCWE + EM770WE + EM770CARED

ECCW2HPLWE + EC770/6GPLWE + EM800BPBLWE +
EM800BPRDWE + EMRCARDWE + EMRCAYELWE + EMRJ45C6WE +
EMRJ45C6BU + ECFRAME + 2 x EM910HDMIWE + EM910USBWE
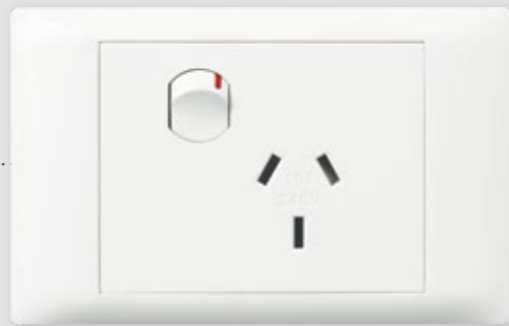
EXCEL *life*

ORIGINAL

FAST & SAFE POWERPOINTS TO INSTALL

METICULOUSLY ENGINEERED POWERPOINTS

We've taken the time to look at single and double powerpoints to make them fast and safe to install. Featuring funnel shaped terminals and super-hard deep screw heads, these powerpoints will withstand the force of any drill.
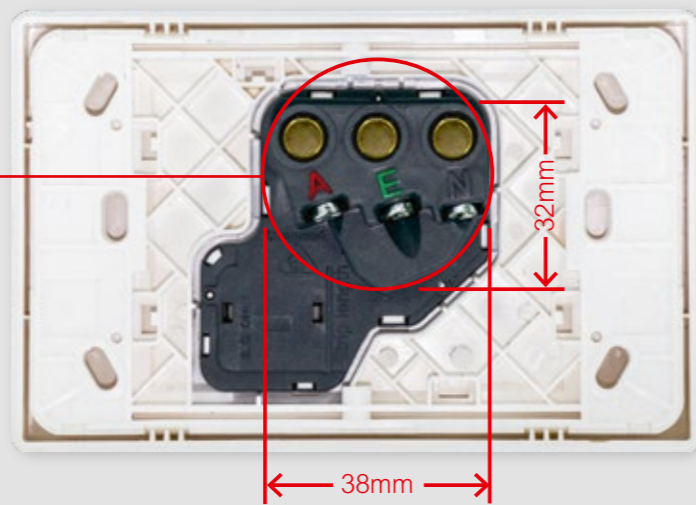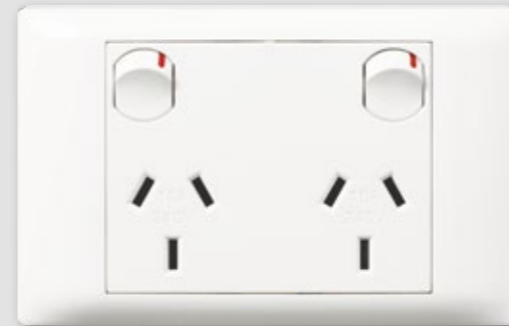
SINGLE POWERPOINT

ED787WE

Inbuilt Child Safety Shutters

Ensures no accidental contact with live components

Easy Install in Cabinetry
Fits into 1 x Ø40mm hole

32mm

38mm

Small Footprint
Only 38mm wide

DOUBLE POWERPOINT

ED777WE

Inbuilt Child Safety Shutters

Ensures no accidental contact with live components

Easy Install in Cabinetry
Fits into 2 x Ø40mm holes

34mm
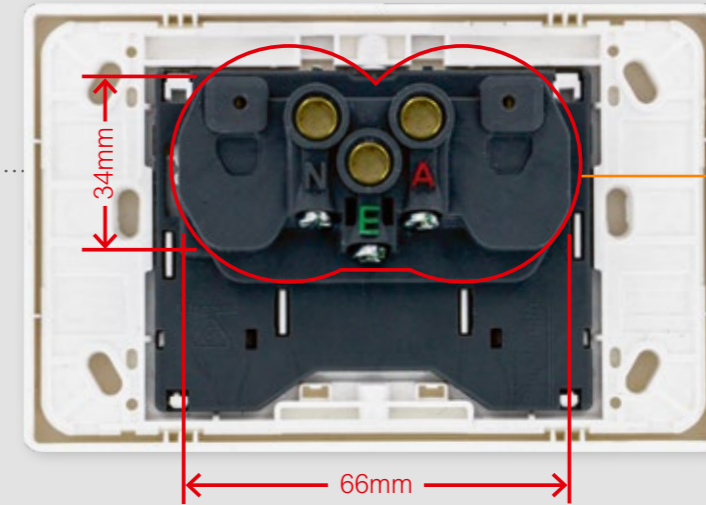
66mm

Small Footprint
Only 66mm wide

INNOVATIONS ACROSS THE SINGLE AND DOUBLE POWERPOINTS

Guided Cable Terminals

4.5mm funnel draws the cable into the terminal

Over-Sized Mounting Holes

8mm extra room

Raised Insulation Barriers

4.5mm barrier

Carburised Steel Screws

2.5mm deep screw head

Captive Screws

Ergonomically Angled Screws

15°

INNOVATIVE

CHARGING SOLUTIONS

FASTEST USB POWERPOINTS

In this modern world, speed counts. Our USB powerpoints super charge at 2 x 2.4A, the fastest on the market! They have been designed to charge devices at their maximum speed including the latest products.

EC777USB2ACWE

EC770/3GPLWE + 3 x EMUSB2PSAWE

EC777USB2IWE

FUTURE-PROOF YOUR CHARGING
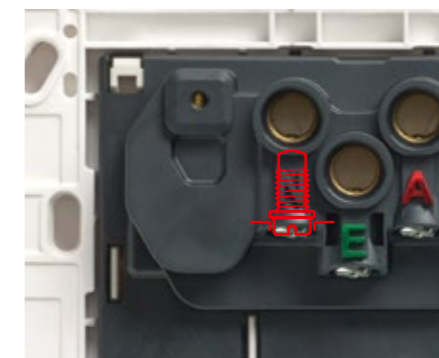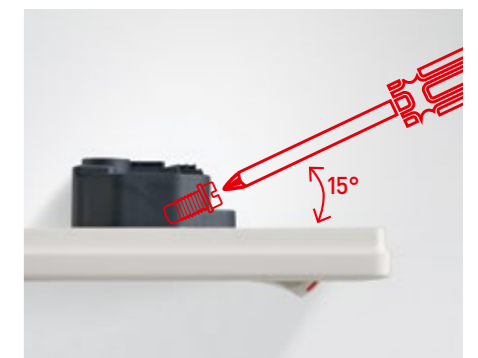
Our Hybrid Type A+C charger allows the use of Type-A USB charging which is currently the standard. It also includes a Type-C port for newer electronics such as Apple & Samsung devices

MAKE A MEGA USB CHARGING STATION

Add to kitchen pantries, nooks and studies for a tidier charging solution

EASY RETROFIT

This double powerpoint with Integrated USB makes wall boxes and masonry applications a breeze. Available in dual Type A or Type A+C

MOVING TOWARD USB-C

USB Type-C has been adopted by all the major tech companies. Boasting faster charging and ease of use, USB-C is compatible with all the latest devices including iPad Pro, iPad 8G, iPhone 12 and MacBook Pro.

CHARGE WITHOUT CORDS

Convenient charging without the hassle of cords. Simply place your device* on the cradle to charge the battery

*Qi compatible devices only.
For full list of compatible devices visit
www.wirelesspowerconsortium.com

GOOD DESIGN AWARD® WINNER

EDWCWEMS

Light switches
common plate series

EC770/1WE   EC770/3WE

Pack	Cat No.	
		Common plate vertical switches 230-240V a.c.
		Rocker mechanism SPDT 16A fluoro rated 16AX
10	EC770/1WE	○ White - 1 gang
10	EC770/2WE	○ White - 2 gang
10	EC770/3WE	○ White - 3 gang
10	EC770/4WE	○ White - 4 gang
10	EC770/5WE	○ White - 5 gang
10	EC770/6WE	○ White - 6 gang
		Rocker mechanism 40A
10	EC770/40WE	○ White - 1 gang
		Rocker mechanism double pole 40A
10	EC770/40DPWE	○ White - 1 gang
		Rocker mechanism double pole engraved 'COOKTOP' 40A
10	EC770/40DPCTPWE	○ White - 1 gang

Light switches
common plate series IP66

EC770/1HIPWE   EC770/2HIPWE

Pack	Cat No.	
		Common plate vertical switches IP66 230-240V a.c.
		Rocker mechanism SPDT 16A fluoro rated 16AX
5	EC770/1IPWE	○ White - 1 gang
5	EC770/2IPWE	○ White - 2 gang
		Common plate horizontal switches IP66 230-240V a.c.
		Rocker mechanism SPDT 16A fluoro rated 16AX
5	EC770/1HIPWE	○ White - 1 gang
5	EC770/2HIPWE	○ White - 2 gang

Powerpoints – common plate series

EC777WE   EC777/15WE   EC777/15XWE   ECV777WE   ECV777AWE

Pack	Cat No.	
		Common plate horizontal double powerpoints 230-240V a.c.
		Internal safety shutters in all powerpoints
		Double powerpoint 10A
10	EC777WE	○ White
		Double powerpoint with extra function hole 10A
10	EC777XWE	○ White
		Double autoswitch powerpoint 10A
10	EC777AWE	○ White
		Double powerpoint double pole 10A
10	EC777DPWE	○ White
		Double round-earth powerpoint 10A
10	EC777RWE	○ White
		Double powerpoint 15A
10	EC777/15WE	○ White
		Double powerpoint double pole 15A
10	EC777/15DPWE	○ White
		Double powerpoint with extra function hole 15A
10	EC777/15XWE	○ White
		Common plate horizontal USB powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Double powerpoint 10A, with integrated USB charger 2.4A Type A
10	EC777USB2IWE	○ White
		Double Powerpoint 10A, with integrated USB charger 2.4A Type A+C
10	EC777USB2IACWE	○ White **AVAILABLE FROM JULY 2021**

Pack	Cat No.	
		Common plate vertical double powerpoints 230-240V a.c.
		Internal safety shutters in all powerpoints
		Vertical double powerpoint 10A
10	ECV777WE	○ White
		Vertical double powerpoint with extra function hole 10A
10	ECV777XWE	○ White
		Vertical double autoswitch powerpoint 10A
10	ECV777AWE	○ White

Red catalogue number: new product

Powerpoints – common plate series

EC787WE   EC787/2XWE   ES777WE   ECV787WE   ECV787/2XWE

Pack	Cat No.	
		Common plate horizontal single powerpoints 230-240V a.c. Internal safety shutters in all powerpoints
10	EC787WE	**Single powerpoint 10A** ○ White
10	EC787XWE	**Single powerpoint with extra function hole 10A** ○ White
10	EC787/2XWE	**Single powerpoint with 2 extra function holes 10A** ○ White
10	EC787AWE	**Single autoswitch powerpoint 10A** ○ White
10	EC787ARWE	**Single autoswitch round-earth powerpoint 10A** ○ White
10	EC787DPWE	**Single double pole powerpoint 10A** ○ White
10	EC787RWE	**Single round-earth powerpoint 10A** ○ White
10	EC787/15WE	**Single powerpoint 15A** ○ White
10	EC787/15XWE	**Single powerpoint with extra function hole 15A** ○ White
10	EC787A/15WE	**Single autoswitch powerpoint 15A** ○ White
10	EC787/15DPWE	**Single double pole powerpoint 15A** White ○
10	EC787/20WE	**Single powerpoint 20A** White ○

Pack	Cat No.	
		Common plate horizontal single powerpoints 230-240V a.c. Internal safety shutters in all powerpoints
10	EC787/25WE	**Single powerpoint 25A** ○ White
10	EC787U/32WE	**Single powerpoint 32A unswitched** ○ White
		Secure plate horizontal powerpoints 230-240V a.c. Internal safety shutters in all powerpoints
10	ES777WE	**Double powerpoint 10A** ○ White
10	ES787WE	**Single powerpoint 10A** ○ White
		Common plate vertical single powerpoints 230-240V a.c. Internal safety shutters in all powerpoints
10	ECV787WE	**Vertical single powerpoint 10A** ○ White
10	ECV787XWE	**Vertical single powerpoint with extra function hole 10A** ○ White
10	ECV787/2XWE	**Vertical single powerpoint with 2 extra function hole 10A** ○ White
10	ECV787RWE	**Vertical single round-earth powerpoint 10A** ○ White
10	ECV787ARWE	**Vertical single autoswitch round-earth powerpoint 10A** ○ White
10	ECV787/15WE	**Vertical single powerpoint 15A** ○ White
10	ECV787A/15WE	**Vertical single autoswitch powerpoint 15A** ○ White

Mechanical mechanisms

EMRSWE   EM820KLIOWE   EM820BL1WE   EM770/20KT   EM787WE   EM787U/25WE   EA910/1WE

Pack	Cat No.	
		Rotary switch mechanisms 230-240V a.c., 16A
10 10 10	EMRSWE EMRSUG EMRSBL	**All-in-one solution comes with 6 marking plate options and 180°, 270° and 360° rings** ○ White ● Urban Grey ● Black
		Keylock switch mechanisms 230-240V a.c., 20A
10 10	EM820KLIWE EM820KLIUG	**Key removable in 'ON' only position fluoro rated 20AX** ○ White ○ Urban Grey
10 10	EM820KLOWE EM820KLOUG	**Key removable in 'OFF' only position fluoro rated 20AX** ○ White ○ Urban Grey
10 10	EM820KLIOWE EM820KLIOUG	**Key removable in 'OFF' or 'ON' position fluoro rated 20AX** ○ White ○ Urban Grey
		BiLock™ switch mechanisms* 230-240V a.c., 20A Suitable for high security applications. Can be installed on 1 gang plate or single powerpoint with 2 extra function holes and blanking insert
10	EM820BL1WE	**Key removable in 'ON' only position fluoro rated 20AX** ○ White
10	EM820BL0WE	**Key removable in 'OFF' only position fluoro rated 20AX** ○ White
10	EM820BL10WE	**Key removable in 'OFF' or 'ON' position fluoro rated 20AX** ○ White

*Key not supplied and must be sourced from approved BiLock™ locksmiths

Pack	Cat No.	
		Mechanical keytag switches 230-240V a.c., 20A
1	EM770/20KT	**Single pole single throw** ○ White
10	EM20A/4KTWE	**Mechanical keycard assembly 4x single pole single throw** ○ White

Pack	Cat No.	
		Internal safety shutters in all powerpoints Used in conjunction with ECFRAME, Inserts and EDCWPLWE or ECCWPLWE coverplates
		Powerpoint horizontal mechanisms 230-240V a.c.
10 10	EM787AWE EM787AUG	**Single autoswitch powerpoint mechanism 10A** ○ White ● Urban Grey
10	EM787WE	**Single powerpoint mechanism 10A** ○ White
10	EM787ARWE	**Single round earth autoswitch powerpoint mechanism 10A** ○ White
10	EM787A/15WE	**Single autoswitch powerpoint mechanism 15A** ○ White
10 10	EM787U/20WE EM787U/25WE	**Single unswitched powerpoint mech** ○ White 20A ○ White 25A
		Powerpoint vertical mechanisms 230-240V a.c.
10	EMV787WE	**Vertical single powerpoint mechanism 10A** ○ White
10 10	EMV787AWE EMV787A/15WE	**Vertical single autoswitch powerpoint mech** ○ White 10A ○ White 15A
		Common Frame Inserts One module inserts for custom made applications. Insert dimension 25 x 57mm
10 10 10	EA910/0WE EA910/0UG EA910/0BL	**Blank insert - 1 Module** ○ White ● Urban Grey ● Black
10 10 10	EA910/1WE EA910/1UG EA910/1BL	**1 gang insert - 1 Module** ○ White ● Urban Grey ● Black
10 10 10	EA910/2WE EA910/2UG EA910/2BL	**2 gang insert - 1 Module** ○ White ● Urban Grey ● Black

Electronic devices

Cable management, circuit identification and accessories

Panel mount adaptors, inserts and mounting blocks

EC914WE	ECKFSWE	EC918WE	EC924WE	EC798WE	EC919WE	EC510WE	EC520WE	ED571WE

EMCCWE	EM910RPWE	ECFRAME	EA751	140WE

Electronic devices

Pack	Cat No.	
		Hospitality 230-240V a.c.
4	EC915WE	**Common Plate Series emergency stop push-button 1/4 turn 3AX** ○ White
10	EC917WE	**Common Plate Series buzzer 240V a.c., sound level 80dB at 1m** ○ White
6	EC918WE	**Common Plate Series electronic bell 12-48V, sound level 80dB at 1m** ○ White
10	EAKEYFOB	**Key fob supplied with label holder for individual hotel identification** ○ White
10	ECKFSWE	**Common Plate Series electronic key fob switch with 30 second time delay** ○ White
10	EC20A/4KTWE	**Common Plate Series mechanical keycard 85mmx54mm switch white 4 x 20A** ○ White
6	EC924WE	**Common Plate Series hotel corridor call indicator 6A** ○ White
8	EC925WE	**Common Plate Series hotel guest room call control 10A** ○ White
6	EC923TWE	**Common Plate Series programmable time delay switch 230-240V a.c., 16A** Up to 8 weekly programmes, 20hrs working reserve ○ White
2	EC798WE	**Common Plate Series shaver outlet 230-240V a.c., 22VA** ○ White
8	EC919WE	**Common Plate Series shutter, blind, curtain control 230-240V a.c.** **Push-button switch (via relay)** 6A fast connection terminals ○ White
8	EC920WE	**Push-button switch (direct control)** 6AX (fluoro rated) fast connection terminals ○ White

Pack	Cat No.	
		Wireless Chargers
1	ECWCWEMS	**Wall-mount 1A** Supplied complete with grid & plate ○ White
		Audio and video devices
10	ECUSBWE	**USB type A female outlet** ○ White
6	EC910J35WE	**3.5mm female audio outlet** ○ White
4	EC920HDMIWE	**HDMI outlet rear pluggable** ○ White
8	EC920LJWE	**Loudspeaker outlet IP41, 6mm terminal capacity** ○ White
10	EC920MSVIDWE	**S-Video outlet mini din** ○ White
10	EC920VGAWE	**VGA outlet female connection** ○ White
6	EC914WE	**Common Plate Series no touch switch 230-240V a.c., 4A** ○ White
6	EC510WE	**Common Plate Series skirting lights 230-240V a.c.** **Permanent skirting light adjustable intensity 0.2 or 1W** ○ White
4	EC511WE	○ White
6	EC520WE	**Common Plate Series signalling lights 230-240V a.c.** ○ White / White colour LED
6	EC521WE	○ White / Blue colour LED
6	EC524WE	○ White / Green colour LED
4	EC570WE	○ White / Red colour LED
4	EC571WE	○ White / White colour LED
4	EC572WE	○ White / Green colour LED
4	EC573WE	○ White / Blue colour LED

Cable management, circuit identification and accessories

Pack	Cat No.	
		Cable management
10	EMCCWE	**Cord clamp** ○ White
10	EMCCUG	● Urban Grey
10	EM910RPWE	**Plug and cable retainer module** 25x57mm ○ White
		Circuit identification
10	EMCLIDWE	**Blank insert with clear cap used for circuit identification** ○ White
10	EMCLIDUG	● Urban Grey
10	EMCLIDBL	● Black
		Accessories
10	ECFRAME	**Support frame** Accepts: 3 x 25x57mm inserts or 1 x 50x57mm & 1 x 25x57mm inserts ○ White
50	EAPP	**Transparent paint and damage protection shell** ○ White
1	EA751	**Insulation shroud** ○ White
		Public Works Department mechanism retention kit
1	EAPWDSCREW	○ White - 1 - 4 gang
10	EAPWD5GKIT	○ White - 5 gang
10	EAPWD6GKIT	○ White - 6 gang
		Circuit identification labels To be used with EMCLIDWE/UG/BL 10 sheets, 96 labels per sheet
10	EACIDLABELWE	○ White
10	EACIDLABELBU	○ Blue
10	EACIDLABELRED	● Red
10	EACIDLABELYE	○ Yellow

Panel mount adaptors, inserts and mounting blocks

Pack	Cat No.	
		Panel mount adaptors Suitable for panel thickness of 0.7mm to 3mm 1 Module accepts 1 x 25x57mm inserts 2 Module accepts 50x57mm or 2 x 25x57mm inserts
	EA910PMAWE	○ White - 1 module
	EA920PMAWE	○ White - 2 modules
		Support frame inserts One module inserts for custom made applications. Insert dimension 25 x 57mm
		Blank insert - 1 module
10	EA910/0WE	○ White
10	EA910/0UG	● Urban Grey
10	EA910/0BL	● Black
		1 gang insert - 1 module
10	EA910/1WE	○ White
10	EA910/1UG	● Urban Grey
10	EA910/1BL	● Black
		2 gang insert - 1 module
10	EA910/2WE	○ White
10	EA910/2UG	● Urban Grey
10	EA910/2BL	● Black
		Mounting blocks
		Surface mounting block 37mm deep, suits powerpoints, switches and electronic mechanisms
10	140WE	○ White
10	EA140UG	● Urban Grey
10	140BL	● Black
		Deep mounting block and coverplate Common Plate Series only
10	ECCWGPLWE	○ White

12   Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative   13

Installation brackets

Installation brackets and wall boxes

Coverplates

EA143/3H   EA503/2W   712   429R

EC770/0GPLWE   EC770/2GPLWE   ECCWGPLWE   ECCW4HPLWE

Installation brackets

Pack	Cat No.	**Mounting brackets** 84mm spacing centres
		Stud Bracket
10	143	Horizontal stud bracket
10	143/2	Horizontal stud bracket with nails
10	143/2V	Vertical stud bracket with nails
10	143U	Universal horizontal or vertical stud bracket with nails
10	EA143/2W	2 gang horizontal stud bracket
10	EA143/3W	3 gang horizontal stud bracket
10	EA143/2H	2 gang vertical stud bracket
10	EA143/3H	3 gang vertical stud bracket
10	EA143/4H	4 gang vertical stud bracket
		Render Bracket
20	954	1 gang render bracket
10	EA503/2W	2 gang horizontal render bracket
10	EA503/3W	3 gang horizontal render bracket
10	EA503/2H	2 gang vertical render bracket
10	EA503/3H	3 gang vertical render bracket
10	EA503/4H	4 gang vertical render bracket

Installation brackets and wall boxes

Pack	Cat No.	**Mounting brackets** 84mm spacing centres
		Plaster Bracket
50	711	Plaster 6.5mm board bracket
50	712	Plaster 10mm board bracket
		Wall Boxes **Plastic wall box**
10	429R	Recessed wall box with sliding nuts, retention clips and protective cover
		Fire and acoustic wall box
1	435	Cable entry top and rear. Fastening arms allow for 10mm to 32mm thick plaster/cement boards. 2hr and 3hr fire rated. Weighted sound reduction index (Rw) 62

Coverplates

Pack	Cat No.	**Dedicated Plate Series module grid and coverplate only**
		2 module grid and coverplate only Suits 2 module insert 45x45mm
10	ED920GPLWE	○ White
10	ED920GPLBL	● Black
		Common Plate Series grids and coverplates only
10	EC770/0GPLWE	○ White - Blank
10	EC770/1GPLWE	○ White - 1 gang
10	EC770/2GPLWE	○ White - 2 gang
10	EC770/3GPLWE	○ White - 3 gang
10	EC770/4GPLWE	○ White - 4 gang
10	EC770/5GPLWE	○ White - 5 gang
10	EC770/6GPLWE	○ White - 6 gang
		Common Plate Series deep mounting block and coverplate only
10	ECCWGPLWE	○ White
		Common Plate Series module grids and coverplates only
		1 module grid and coverplate only Suits 1 module insert 25x57mm
10	EC910GPLWE	○ White
		2 module grid and coverplate only Suits 2 module insert 45x45mm
10	EC920GPLWE	○ White - 6 gang

Pack	Cat No.	**Common Plate Series – Coverplate Only**
		1 Gang coverplate
10	ECCWPLWE	○ White
		2 gang coverplate- horizontal
10	ECCW2WPLWE	○ White
		3 gang coverplate- horizontal
10	ECCW3WPLWE	○ White
		2 gang coverplate- vertical
10	ECCW2HPLWE	○ White
		3 gang coverplate- vertical
10	ECCW3HPLWE	○ White
		4 gang coverplate- vertical
10	ECCW4HPLWE	○ White

ES777WE

ES770/5GPLWE

Pack	Cat No.	**Horizontal powerpoints 230-240V a.c.**
		Internal safety shutters in all powerpoints
		Double powerpoint 10A
10	ES777WE	○ White
		Single powerpoint 10A
10	ES787WE	○ White

Pack	Cat No.	**Fan controllers with Time-delay**
		Fan speed controller 650VA with auto-switch OFF time delay
		2Hr time delay
10	ES650TD2WE	○ White - Blank
		3Hr time delay
10	ES650TD3WE	○ White - 1 gang

Pack	Cat No.	**No-volt switch**
10	ES770NVWE	○ White

Pack	Cat No.	**Secure series grids and coverplates only**
10	ES770/0GPLWE	○ White - blank
10	ES770/1GPLWE	○ White - 1 gang
10	ES770/2GPLWE	○ White - 2 gang
10	ES770/3GPLWE	○ White - 3 gang
10	ES770/4GPLWE	○ White - 4 gang
10	ES770/5GPLWE	○ White - 5 gang
10	ES770/6GPLWE	○ White - 6 gang

Pack	Cat No.	**Coverplate only**
10	ESCWPLWE	○ White - Blank

Red catalogue number: new product

SOLUTIONS FOR
EDUCATION FACILITIES

Fan Controllers with Time Delay
Manage energy consumption with our fan controllers to keep costs under control.
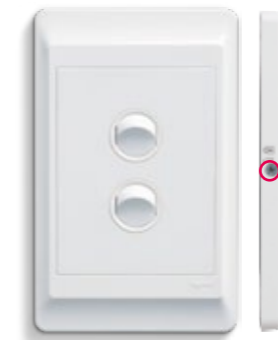
ES770/2GPLWE + 2 x EM770WE

Secure Plate Switches
Our Excel Life Secure Plate Series are ideal when you need a little extra protection from theft and damage. The coverplates can only be removed with a screwdriver so they are perfect in areas prone to vandalism.

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

Mechanical mechanisms

EM770WE   EM770DUOWE   EM770IMLEDWE   EM770IMWE   EM770/20BL   EM770/32RDWE

Pack	Cat No.	
		Rocker switch mechanisms 230-240V a.c., 16A
		Single pole double throw fluoro rated 16AX M100 motor rating
10	EM770WE	○ White
10	EM770UG	● Urban Grey
10	EM770BL	● Black
10	EM770MW	○ Matt White
10	EM770MB	● Matt Black
		Single Pole double throw fluoro rated 16AX M100 switch, fitted with illuminated LED ring
10	EM770LEDFWE	○ White
10	EM770LEDFUG	● Urban Grey
10	EM770LEDFBL	● Black
		Single pole double throw spring return
10	EM770XWE	○ White
10	EM770XUG	● Urban Grey
10	EM770XBL	● Black
		Double pole single throw fluoro rated 10AX
10	EM770DPWE	○ White
10	EM770DPUG	● Urban Grey
10	EM770DPBL	● Black
		Double pole single throw with Red indicator fluoro rated 10AX
10	EM770DPRDWE	○ White
10	EM770DPRDUG	● Urban Grey
		2 x single pole single throw fluoro rated 10AX M50 motor rating
10	EM770DUOWE	○ White
10	EM770DUOUG	● Urban Grey
		Intermediate switch 10A fluoro rated 10AX
10	EM770IMWE	○ White
10	EM770IMUG	● Urban Grey
10	EM770IMBL	● Black
10	EM770IMMW	○ Matt White
10	EM770IMMB	● Matt Black
		Intermediate switch with illuminated Blue LED ring
10	EM770IMLEDWE	○ White - 1 gang
		Single pole double throw with Red indicator fluoro rated 16AX
10	EM770RDWE	○ White
10	EM770RDUG	● Urban Grey

Pack	Cat No.	
		Rocker switch mechanisms 230-240V a.c., 20A
		Single pole double throw fluoro rated 20AX
10	EM770/20WE	○ White
10	EM770/20UG	● Urban Grey
10	EM770/20BL	● Black
		Single pole double throw with Red indicator fluoro rated 20AX M120 motor rating
10	EM770/20RDWE	○ White
10	EM770/20RDUG	● Urban Grey
		Rocker switch mechanisms 230-240V a.c., 20A
		Double pole single throw fluoro rated 10AX
10	EM770/20DPWE	○ White
10	EM770/20DPUG	● Urban Grey
		Rocker switch mechanisms 230-240V a.c., 32A
		Single pole single throw fluoro rated 20AX
10	EM770/25WE	○ White
10	EM770/25UG	● Urban Grey
		Rocker switch mechanisms 230-240V a.c., 32A
		Single pole single throw fluoro rated 20AX
10	EM770/32WE	○ White
10	EM770/32UG	● Urban Grey
10	EM770/32BL	● Black
		Single pole single throw with Red indicator fluoro rated 20AX
10	EM770/32RDWE	○ White
10	EM770/32RDUG	● Urban Grey

Mechanical mechanisms

EM970BL   EM970LWE

Pack	Cat No.	
		Mechanical push-button switches
		Single Pole 2 Way switch 10A/10AX
10	EM970WE	○ White
10	EM970UG	● Urban Grey
10	EM970BL	● Black
10	EM970MW	○ Matt White
10	EM970MB	● Matt Black
		Single Pole 2 Way switch 10A/10AX with LED indicator
10	EM970LWE	○ White
10	EM970LUGBL	◐ Black/Urban Grey
10	EM970LMW	○ Matt White
10	EM970LMB	● Matt Black
		Intermediate switch 10A/10AX
10	EM970IMWE	○ White
10	EM970IMUG	● Urban Grey
10	EM970IMBL	● Black
10	EM970IMMW	○ Matt White
10	EM970IMMB	● Matt Black
		Intermediate switch 10A/10AX with LED indicator
10	EM970LIMWE	○ White
10	EM970LIMUGBL	◐ Black/Urban Grey
10	EM970LIMMW	○ Matt White
10	EM970LIMMB	● Matt Black
		Momentary switch 10A
10	EM970BPWE	○ White
10	EM970BPUG	● Urban Grey
10	EM970BPBL	● Black
10	EM970BPMW	○ Matt White
10	EM970BPMB	● Matt Black
		Momentary switch 10A with LED indicator
10	EM970LBPWE	○ White
10	EM970LBPUGBL	◐ Black/Urban Grey
10	EM970LBPMW	○ Matt White
10	EM970LBPMB	● Matt Black
		Low voltage 12V d.c. switch 5A with LED indicator
10	EM970LELVWEUGBL	White/Black/Urban Grey

Mechanical mechanisms engraved

EM770BYPASSWE EM770DAYNIGHTWE EM770KITCHENWE EM770/20HWSWE EM770/32OVENWE

MARKED AS	Amp Rating	Mechanism Type	Pack	White	Urban Grey	Black	Matt White	Matt Black
AIR CON	16AX	SPDT	10	EM770AIRCONWE	EM770AIRCONUG	EM770AIRCONBL		
AIR CON	20A	SPDT	10	EM770/20ACWE	EM770/20ACUG			
AUTO/MAN	16AX	SPDT	10	EM770AUTOMANWE	EM770AUTOMANUG	EM770AUTOMANBL		
BED1	16AX	SPDT	10	EM770BED1WE	EM770BED1UG			
BED2	16AX	SPDT	10	EM770BED2WE	EM770BED2UG			
BED3	16AX	SPDT	10	EM770BED3WE	EM770BED3UG			
BED4	16AX	SPDT	10	EM770BED4WE	EM770BED4UG			
BYPASS	16AX	SPDT	10	EM770BYPASSWE	EM770BYPASSUG			
D/WASH	16AX	SPDT	10	EM770DWASHWE	EM770DWASHUG	EM770DWASHBL	EM770DWASHMW	EM770DWASHMB
DAY/NIGHT	16AX	SPDT	10	EM770DAYNIGHTWE	EM770DAYNIGHTUG			
DINING	16AX	SPDT	10	EM770DININGWE	EM770DININGUG			
DOOR	16A	SPDT	10	EM770XDOORWE	EM770XDOORUG			
EXHAUST	16AX	SPDT	10	EM770EXHWE	EM770EXHUG			
FAN	16AX	SPDT	10	EM770FANWE	EM770FANUG	EM770FANBL	EM770FANMW	EM770FANMB
FIRE	16AX	SPDT	10	EM770FIREWE	EM770FIREUG	EM770FIREBL		
FRIDGE	16AX	SPDT	10	EM770FRIDGEWE	EM770FRIDGEUG	EM770FRIDGEBL	EM770FRIDGEMW	EM770FRIDGEMB
GAMES	16AX	SPDT	10	EM770GAMESWE	EM770GAMESUG			
GARDEN	16AX	SPDT	10	EM770GARDENWE	EM770GARDENUG	EM770GARDENBL		
HEAT	16A	2XSPST	10	EM770DUOHTWE	EM770DUOHTUG			
HEAT	16AX	SPDT	10	EM770HEATWE	EM770HEATUG	EM770HEATBL	EM770HEATMW	EM770HEATMB
HOB	16AX	SPDT	10	EM770HOBWE	EM770HOBUG			
HOB	32A	SPST	10	EM770/32HOBWE	EM770/32HOBUG	EM770/32HOBBL	EM770/32HOBMW	EM770/32HOBMB
HOOD	16AX	SPDT	10	EM770HOODWE	EM770HOODUG	EM770HOODBL	EM770HOODMW	EM770HOODMB
HOT PLATE	32A	SPST	10	EM770/32HOTPWE	EM770/32HOTPUG			
HWS	20A	SPDT	10	EM770/20HWSWE	EM770/20HWSUG			
KITCHEN	16AX	SPDT	10	EM770KITCHENWE	EM770KITCHENUG	EM770KITCHENBL		
LIGHT	16AX	SPDT	10	EM770LIGHTWE	EM770LIGHTUG	EM770LIGHTBL	EM770LIGHTMW	EM770LIGHTMB
LIVING	16AX	SPDT	10	EM770LIVINGWE	EM770LIVINGUG	EM770LIVINGBL		
LOUNGE	16AX	SPDT	10	EM770LOUNGEWE	EM770LOUNGEUG	EM770LOUNGEBL		
MICRO	16AX	SPDT	10	EM770MICROWAVWE	EM770MICROWAVUG	EM770MICROWAVBL	EM770MICROWAVMW	EM770MICROWAVMB
MIRROR	16AX	SPDT	10	EM770MIRRORWE	EM770MIRRORUG	EM770MIRRORBL		
OFFICE	16AX	SPDT	10	EM770OFFICEWE	EM770OFFICEUG	EM770OFFICEBL		
OUTSIDE	16AX	SPDT	10	EM770OUTSIDEWE	EM770OUTSIDEUG	EM770OUTSIDEBL		
OVEN	32A	SPST	10	EM770/32OVENWE	EM770/32OVENUG	EM770/32OVENBL	EM770/32OVENMW	EM770/32OVENMB
PRESS	16A	SPDT	10	EM770XPRESSWE	EM770XPRESSUG			
RANGE	32A	SPST	10	EM770/32RANGEWE	EM770/32RANGEUG	EM770/32RANGEBL	EM770/32RANGEMW	EM770/32RANGEMB
RESET	16A	SPDT	10	EM770XRESETWE	EM770XRESETUG			
RUMPUS	16AX	SPDT	10	EM770RUMPUSWE	EM770RUMPUSUG			
SENSOR	16AX	SPDT	10	EM770SENSORWE	EM770SENSORUG	EM770SENSORBL	EM770SENSORMW	EM770SENSORMB
TV	16AX	SPDT	10	EM770TVWE	EM770TVUG	EM770TVBL		
WASTE	16AX	SPDT	10	EM770WASTEWE	EM770WASTEUG	EM770WASTEBL	EM770WASTEMW	EM770WASTEMB
ZONE 1	16AX	SPDT	10	EM770ZONE1WE	EM770ZONE1UG			
ZONE 2	16AX	SPDT	10	EM770ZONE2WE	EM770ZONE2UG			
ZONE 3	16AX	SPDT	10	EM770ZONE3WE	EM770ZONE3UG			
ZONE 4	16AX	SPDT	10	EM770ZONE4WE	EM770ZONE4UG			

Legend

SPDT = single pole, double throw DPST = double pole, single throw
DPXT = double pole cross-over NC = normally closed
AX = fluorescent rated switch

For custom engraving please contact customer service using
EM770PRINTWE, EM770PRINTUG or EM770PRINTBL

Red catalogue number: new product

Electronic mechanisms

EM883WE EM800SLAVEWE EM400A2PBL

Pack	Cat No.
	Electronic push-button switch mechanisms 230-240V a.c.
	Pilot LED can be programmed to be Blue or Red See p46 for wiring diagrams
	Electronic push-button 5A fluoro rated 500VA
10	EM883WE — ○ White
10	EM883UG — ● Urban Grey
10	EM883BL — ● Black
10	EM883MW — ○ Matt White
10	EM883MB — ● Matt Black
	Secondary control push-button
10	EM800SLAVEWE — ○ White
10	EM800SLAVEUG — ● Urban Grey
10	EM800SLAVEBL — ● Black
10	EM800SLAVEMW — ○ Matt White
10	EM800SLAVEMB — ● Matt Black
	Push-button dimmer mechanisms 230-240V a.c.
	Pilot LED can be programmed to be Blue or Red. See p47 for wiring diagrams
	Electronic push-button 350VA all-load
10	EM400A2PWE — ○ White
10	EM400A2PUG — ● Urban Grey
10	EM400A2PBL — ● Black
10	EM400A2PMW — ○ Matt White
10	EM400A2PMB — ● Matt Black
	Electronic push-button 350VA all-load (neutral required)
10	EM400A3PWE — ○ White
10	EM400A3PUG — ● Urban Grey
10	EM400A3PBL — ● Black
10	EM400A3PMW — ○ Matt White
10	EM400A3PMB — ● Matt Black

Pack	Cat No.
	Fan controller mechanisms 230-240V a.c.
	3 speed, 100VA mechanism
10	EM3FCWE — ○ White
10	EM3FCUG — ● Urban Grey
10	EM3FCBL — ● Black
	Spare fan controller knobs (pkt of 5)
5	EAFANKNOBWE — ○ White
5	EAFANKNOBUG — ● Urban Grey
5	EAFANKNOBBL — ● Black
	Rotary dimmer mechanisms 230-240V a.c. New easy grip lower profile knob. Automatically dims if dimmer is overloaded or insufficiently derated
	250VA Trailing edge
10	EM250TRWE — ○ White
10	EM250TRUG — ● Urban Grey
	400VA Trailing edge
10	EM400TRWE — ○ White
10	EM400TRUG — ● Urban Grey
10	EM400TRBL — ● Black
	700VA Trailing edge
10	EM700TRWE — ○ White
10	EM700TRUG — ● Urban Grey
	2000VA leading-edge remote dimmer
10	EM2000ERC
	Spare dimmer knobs (pkt of 5)
5	EADIMKNOBWE — ○ White
5	EADIMKNOBUG — ● Urban Grey
5	EADIMKNOBBL — ● Black

Red catalogue number: new product

Electronic mechanisms

RJ11 CAT 3 voice sockets and RJ45 CAT 5E sockets

RJ45 CAT 6 data sockets and Keystone adapters

EM803PIRWE   EM803SURGEWE   EM770LEDWE   EMPAPS1WE

EMRJ11C3WE   EMRJ11C3BL   EMRJ45C5EBU   EMRJ45C5EGR

EMRJ45C6RD   EMRJ45C6YE   EMKEYSTONEAWE   EMKEYSTONEBWE

Page 22 — Electronic mechanisms

Pack	Cat No.	
		PIR movement sensor mechanisms 230-240V a.c.
		Can be programmed from 5 sec to 30min and 1 to 2,000 lux
		Automatic 3 wire 5A
10	EM803PIRWE	○ White
10	EM803PIRUG	◐ Urban Grey
10	EM803PIRBL	● Black
		Manual Override 3 wire 5A
10	EM803PIRSWE	○ White
10	EM803PIRSUG	◐ Urban Grey
10	EM803PIRSBL	● Black
		Programmable time delay switch mechanisms 230-240V a.c.
		2 wire all load 400VA
		Can be programmed from 1-10 minutes in steps of 1 minute
10	EM802TDWE	○ White
10	EM802TDUG	◐ Urban Grey
		Can be programmed from 1-60 minutes in steps of 5 minutes
10	EM803TDWE	○ White
10	EM803TDWE	◐ Urban Grey
		Surge protection switch mechanism 230-240V a.c., 500J
10	EM803SURGEWE	○ White
10	EM803SURGEUG	◐ Urban Grey
		Extra low-voltage 12V d.c. push-button mechanisms
		With LED indicator
10	EMELVNWE	○ White
10	EMELVNUG	◐ Urban Grey
		Without LED indicator
10	EMELVWE	○ White
10	EMELVUG	◐ Urban Grey

Pack	Cat No.	
		Illumination switch mechanisms 230-240V a.c.
		See p50 for wiring diagram
		EM770 illumination blue LED kit
10	EM770LEDWE	○ White
10	EM770LEDUG	◐ Urban Grey
10	EM770LEDBL	● Black
		White LED and coloured lenses kit
10	EM803LEDWE	○ White
10	EM803LEDUG	◐ Urban Grey
		Power available and 1 gang power supplied indicator kit
10	EMPAPS1WE	○ White
10	EMPAPS1UG	◐ Urban Grey
		Power available and 2 gang power supplied indicator kit
10	EMPAPS2WE	○ White
10	EMPAPS2UG	◐ Urban Grey
		Power available indicator kit (Amber)
10	EMPAWE	○ White
10	EMPAUG	◐ Urban Grey
		Power supplied to 1 outlet indicator kit (Red)
10	EMPS1WE	○ White
10	EMPS1UG	◐ Urban Grey
		Power supplied to 2 outlets indicator kit
10	EMPS2WE	○ White
10	EMPS2UG	◐ Urban Grey

Page 23 — RJ11/RJ45 sockets and Keystone adapters

Pack	Cat No.	
		RJ11 voice sockets
		Additional slot available for looping. Compatible with both Krone and IDC termination tools
10	EMRJ11C3WE	○ White
10	EMRJ11C3BL	● Black
10	EMRJ11C3BU	◐ Blue
10	EMRJ11C3GR	● Green
10	EMRJ11C3RD	● Red
10	EMRJ11C3YE	● Yellow
		RJ45 data sockets
		Compatible with both Krone and IDC termination tools
10	EMRJ45C5EWE	○ White
10	EMRJ45C5EBL	● Black
10	EMRJ45C5EBU	◐ Blue
10	EMRJ45C5EGR	● Green
10	EMRJ45C5ERD	● Red
10	EMRJ45C5EYE	● Yellow
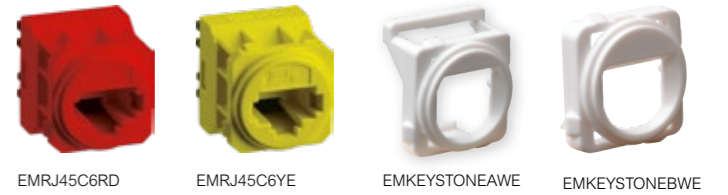
Pack	Cat No.	
		RJ45 data sockets
		Compatible with both Krone and IDC termination tools
10	EMRJ45C6WE	○ White
10	EMRJ45C6BL	● Black
10	EMRJ45C6BU	◐ Blue
10	EMRJ45C6GR	● Green
10	EMRJ45C6RD	● Red
10	EMRJ45C6YE	● Yellow
		RJ45 data sockets Cat. 6A
		Compatible with both Krone and IDC termination tools
10	EMRJ45C6AWE	○ White
10	EMRJ45C6ABL	● Black
		Keystone adapters
		Suits Clipsal, Leviton, Hubbell, Siemon and Krone keystone jacks
10	EMKEYSTONEAWE	○ White
10	EMKEYSTONEAUG	◐ Urban Grey
10	EMKEYSTONEABL	● Black
		Suits Panduit keystone jacks
10	EMKEYSTONEBWE	○ White
10	EMKEYSTONEBUG	◐ Urban Grey
		Suits Systimax keystone jacks
10	EMKEYSTONECWE	○ White
10	EMKEYSTONECUG	◐ Urban Grey
		Suits Tyco/AMP keystone jacks
10	EMKEYSTONEDWE	○ White
10	EMKEYSTONEDUG	◐ Urban Grey
		Suits Molex keystone jacks
10	EMKEYSTONEEWE	○ White
10	EMKEYSTONEEUG	◐ Urban Grey
		Suits Legrand LCS² tooless jacks
10	EMKEYSTONELWE	○ White
10	EMKEYSTONELUG	◐ Urban Grey
10	EMKEYSTONELBL	● Black

Red catalogue number: new product

Red catalogue number: new product

22   Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative   23

Audio and video sockets and devices

EMFFFOXWE

EMSPWE

EMRCARDWE

Pack	Cat No.	**Audio and video mechanisms**
		HDMI 2.0 outlet
		Female-to-female straight connector
10	EMHDMIWE	○ White
		Video sockets F to F TV outlet
		75 ohm 3.0GHz (Foxtel approved) F30583
10	EMFFFOXWE	○ White
10	EMFFFOXUG	● Urban Grey
10	EMFFFOXBL	● Black
		Video sockets PAL to F TV outlet – White
10	EMPFWE	○ White
10	EMPFUG	● Urban Grey
10	EMPFBL	● Black
		PAL to saddle TV outlet – White
10	EMSPWE	○ White
10	EMSPUG	● Urban Grey
10	EMSPBL	● Black
		RCA sockets RCA to RCA outlet – Red
10	EMRCARDWE	○ White
10	EMRCARDUG	● Urban Grey
		RCA sockets RCA to RCA outlet – White
10	EMRCAWEWE	○ White
10	EMRCAWEUG	● Urban Grey
		RCA sockets RCA to RCA outlet – Yellow
10	EMRCAYELWE	○ White
10	EMRCAYELUG	● Urban Grey
		Audio 'Banana' outlet Ø 4mm – Black Marking
10	EM800BPBLWE	○ White
10	EM800BPBLUG	● Urban Grey
		Audio 'Banana' outlet Ø 4mm – Red Marking
10	EM800BPRDWE	○ White
10	EM800BPRDUG	● Urban Grey
		HDMI and USB extensions
		Used with ECFRAME or EC910GPLWE, or Panel Mount Adaptors. Insert dimension 25 x 57mm
		USB insert with extension lead 150mm
12	EM910USBWE	○ White
12	EM910USBBL	● Black
		HDMI insert with extension lead 150mm
12	EM910HDMIWE	○ White
12	EM910HDMIBL	● Black

USB and wireless chargers

EMUSB2PSAWE

077850

EMUSB2ACWE

Pack	Cat No.	**USB charger mechanisms 230-240V a.c.**
		Dual USB Charger Mechanism 2x2.4A Type A
12	EMUSB2PSAWE	○ White
12	EMUSB2PSAUG	● Urban Grey
12	EMUSB2PSABL	● Black
		Dual USB Charger Mechanism 4.8A Type A and C
12	EMUSB2ACWE	○ White
12	EMUSB2ACUG	● Urban Grey
12	EMUSB2ACBL	● Black
		USB charger mechanism, Type C, 60W (single port)
1	EMUSB1CWE	○ White
1	EMUSB1CUG	● Urban Grey
1	EMUSB1CBL	● Black
		Wireless Chargers
		Wall-mount 1A
		Supplied complete with grid & plate
1	EDWCWEMS	○ White
1	EDWCUGMS	● Urban Grey
1	EDWCBLMS	● Black
1	ECWCWEMS	○ White
		Weatherproof 1A IP66-IK10
1	077599	● Silver/Black
		Table top/ Desk mount 1A
1	077580	● Silver

Red catalogue number: new product

Mechanical switch mechanism wiring diagrams

1 & 2 Way (SPDT) EM770 Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770 / EM770RD	SPDT	1L	16A/16AX	Black
EM770/20 / EM770/20RD	SPDT	1L	20A/20AX	Black
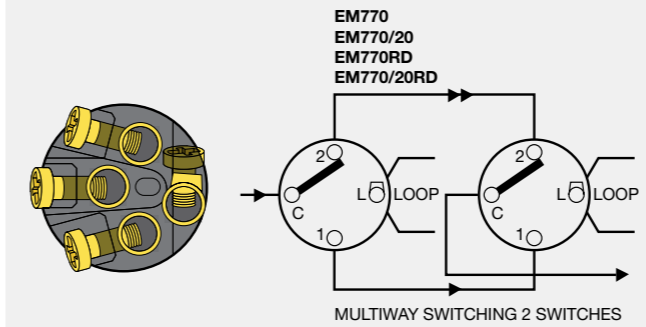
1 Way (SPST) EM770 Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770/25	SPST	1L	25A/20AX	Grey
EM770/32	SPST	1L	32A/20AX	Grey

EM770
EM770/20
EM770RD
EM770/20RD

MULTIWAY SWITCHING 2 SWITCHES
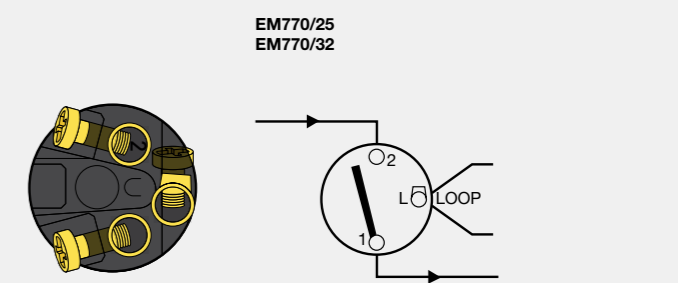
EM770/25
EM770/32

Double Pole (DPST) EM770DP Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770DP / EM770DPRD	DPST	0L	16A/10AX	Blue
EM770/20DP	DPST	0L	20A/10AX	Blue
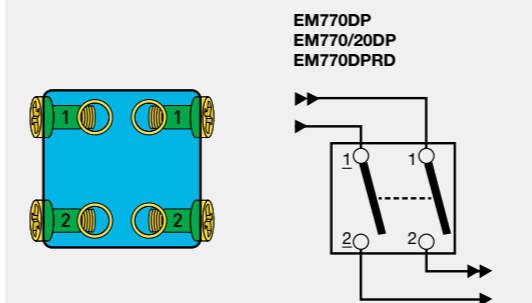
Duo Series 2 x 1 Way (2 x SPST) 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770DUO	2xSPST	0L	16A/10AX	White

EM770DP
EM770/20DP
EM770DPRD

EM770DUO
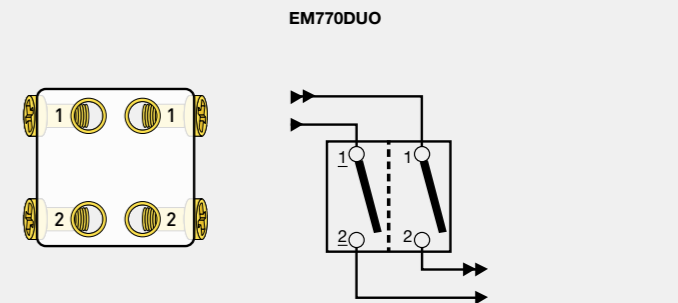
Intermediate (DPXT - Crossover) EM770I Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770IM	DPXT	0L	16A	Red

EM770IM

Rear view

MULTIWAY SWITCHING MORE THAN 2 SWITCHES
(Any quantity of intermediate switches may be used).

UP POSITION   DOWN POSITION

Mechanical switch mechanism wiring diagrams

KeyTag - 1 Way (SPST) EM770/20KT

Cat. No.	Legend	Loop	Amp Rating	Motor Rating	Body Colour
EM770/20KT	SPDT	1L	20A	M80	Black

MULTIWAY SWITCHING 2 SWITCHES

Rear view EM770/20KT
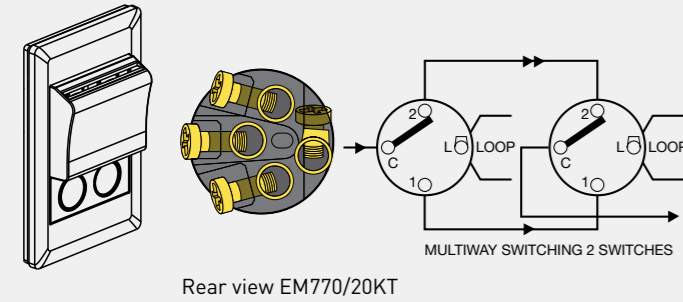
Push-Buttons 1 & 2 Way (SPDT) - Non latching EM770X Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770X	SPDT	1L	16A	Black

MULTIWAY SWITCHING 2 SWITCHES

Rear view EM770X
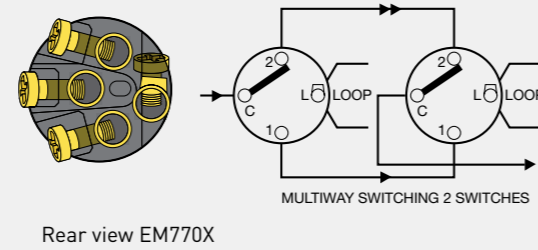
Keylock Switch Assembly - 1 & 2 Way (SPDT) 770 Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Motor Rating	Body Colour
EM820KLO	SPDT	1L	20A	M80	Black
EM820KLI	SPDT	1L	20A	M80	Black
EM820KLIO	SPDT	1L	20A	M80	Black

Rear view EM820KL
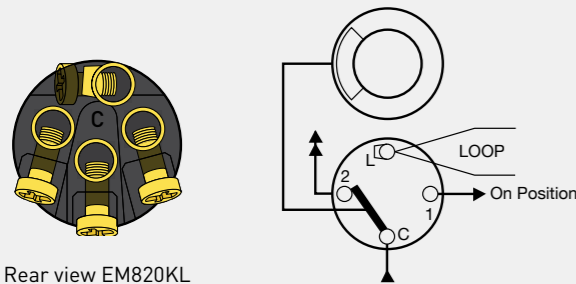
Colour code (Position in which key can be removed).

WHITE – OFF (O)
GREY – ON (I)
BEIGE – ON (I) and OFF (O)

Legend

SPST = single pole, single throw
SPDT = single pole, double throw
DPDT = double pole, double throw
DPST = double pole, single throw
DPXT = double pole cross-over
NC   = normally closed
NO   = normally opened
L   = Loop

Using X Rating

Excel Life series switches marked with an 'X' are suitable for fluorescent installations up to the switch rating.

Electronic push-button switch mechanism wiring diagrams

Electronic push-button switch wiring diagram EM883WE

Rear view EM883
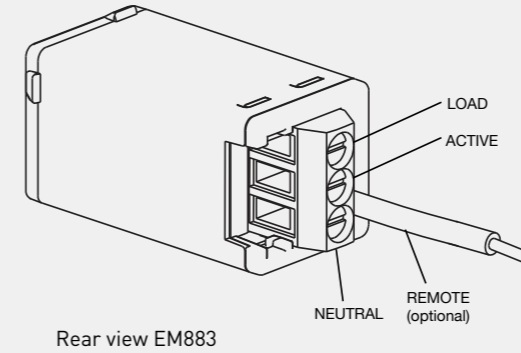
■ Connect optional Secondary Control Buttons (EM800SLAVE) to enable switching from multiple locations.

Important:
An unlimited number of EM800SLAVE can be connected to an EM883. However, the total length of the remote wire used to interconnect all of the EM800SLAVE should not exceed 50 metres.

Important:
Power factor correction capacitors must be either removed or placed on the line side of the electronic push-button switch.

Technical characteristics

		Incandescent	Halogen	Fluorescent tube	Wirewound transformer	Electronic transformer	Compact fluorescent	LED	Fan motor
230-240V a.c. 50Hz	1 x 2.5mm^2 2 x 1.5mm^2								
Max load		1200W	1200W	500VA	500VA	500VA	500VA	500VA	500VA

Minimum load = 0W for all load types

LED Indicator

■ The colour of the LED indicator can be either red or blue. In addition, when the switch is off the LED indicator can either glow faintly or be off completely. The four possible modes are as follows:

■ To change between modes, press and hold the push-button for at least 10 seconds. This will select the next mode in the sequence above.

MODE	STATUS OF LED INDICATOR	
	SWITCH ON	SWITCH OFF
1	Bright Red	Faint Red
2	Bright Blue	Faint Blue
3	Bright Red	Off
4	Bright Blue	Off

Electronic push-button dimmers and time-delay switches

Electronic push-button dimmer EM400A2P
Technical characteristics

		Incandescent / Halogen	Halogen or dimmable LED with electronic transformer / Dimmable compact fluorescent / Dimmable LED without transformer		Halogen with wirebound transformer	Fluorescent tube	Fan motor
230-240V a.c. 50Hz	1 x 2.5mm² 2 x 1.5mm²		Max Power	Max number of transformers[1]			
Max load	1 dimmer per plate	350W	350VA	8	X	X	X
	2 dimmers per plate	300W	300VA	8	X	X	X
	3 or more dimmers per plate	250W	250VA	8	X	X	X

Minimum load = 5W for all load types. Not compatible will all dimmable LEDs. Should be bench tested prior to installation

Note:
1. In the case of dimmable compact florescent or dimmable LED without transformer, this is the maximum number of lamps.
2. Where both max power and max number of transformers/lamps are specified, both conditions must be satisfied.
3. When used in ambient temperatures greater than 25ºC, the dimmer must be de-rated by 10% for every increase of 5ºC.

Electronic push-button dimmer EM400A3P
Technical characteristics

		Incandescent / Halogen	Halogen or dimmable LED with electronic transformer / Dimmable compact fluorescent / Dimmable LED without transformer		Halogen or dimmable LED with wirewound transformer[2]		Fluorescent tube	Fan motor
230-240V a.c. 50Hz	1 x 2.5mm² 2 x 1.5mm²		Max Power	Max number of transformers[1]	Max Power	Max number of transformers		
Max load	1 dimmer per plate	350W	350VA	8	300VA	6	X	X
	2 dimmers per plate	300W	300VA	8	250VA	6	X	X
	3 or more dimmers per plate	250W	250VA	8	200VA	6	X	X

Minimum load = 5W for all load types. Not compatible will all dimmable LEDs. Should be bench tested prior to installation

Electronic push-button time delay EM802TD/EM803TD
Technical characteristics

		Incandescent	Halogen	Fluorescent tube	Wirewound transformer	Electronic transformer	Compact fluorescent	LED	Fan motor
230-240V a.c. 50Hz	1 x 2.5mm² 2 x 1.5mm²								
Max load (802TD)		400W	400W	400VA*	X	400VA	400VA	400VA	X
Max load (803TD)		1200W	1200W	500VA	500VA	500VA	500VA	500VA	500VA

Minimum load = 10VA for all load types. * Electronic ballast only

Wiring EM802TD
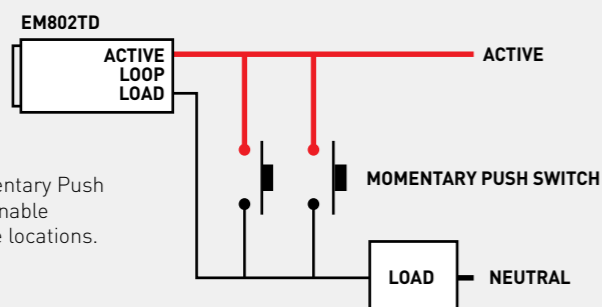
EM802TD

- Connect optional Momentary Push Switches (EM770X) to enable switching from multiple locations.

Important:
An unlimited number of EM770XWE can be connected to an EM802TD. However, the total length of the load wire used to interconnect all of the EM770XWE should not exceed 50 metres.

Note:
For other technical details please refer to the installation instructions of each device.

Load compatibility disclaimer:
Although significant efforts have been made to ensure Dimmers are compatible with a large variety of drivers (CFL, LEDs), it is not possible to guarantee 100% compatibility with all devices.

Rotary dimmers

Rotary dimmers - EM250TR/EM400TR/EM700TR
Technical characteristics

|		Incandescent	Halogen	Fluorescent tube	Wirewound transformer	Electronic transformer	Compact fluorescent	LED	Fan motor
230-240V a.c. 50Hz	1 x 2.5mm² 2 x 1.5mm²								
Max load EM250TR	1 dimmer per plate	250W	250W	X	X	250VA	250VA see note 2	see note 1	X
	2 dimmers per plate	225W	225W	X	X	225VA	225VA see note 2	see note 1	X
	3 or more dimmers per plate	200W	200W	X	X	200VA	200VA see note 2	see note 1	X
Max load EM400TR	1 dimmer per plate	400W	400W	X	X	400VA	400VA see note 2	see note 1	X
	2 dimmers per plate	350W	350W	X	X	350VA	350VA see note 2	see note 1	X
	3 dimmers per plate	300W	300W	X	X	300VA	300VA see note 2	see note 1	X
Max load EM700TR	1 dimmer per plate	700W	700W	X	X	700VA	700VA see note 2	see note 1	X

Minimum load = 10VA for all load types

NOTE 1: Not compatible with all dimmable LEDs. Should be bench tested prior to installation.
NOTE 2: Compact Fluorescent Lamps (CFLs) and LCDs, also known as Energy Saving Lamps, can only be dimmed if they are specifically marked as "dimmable". Dimmable CFLs may have different characteristics from brand to brand, and so each brand may require a specific type of dimmer to operate correctly. Using the incorrect dimmer may cause the CFL to flicker. Please read the documentation that comes with each CFL carefully to ensure that the CFL and dimmer are compatible. For more information, please contact HPM Legrand. In some cases, the dimmable CFL may turn off or flicker when dimmed to a very low brightness. This can be overcome by ensuring that the dimmer brightness is not set too low. See "Setting minimum brightness" for instructions on how to achieve this.

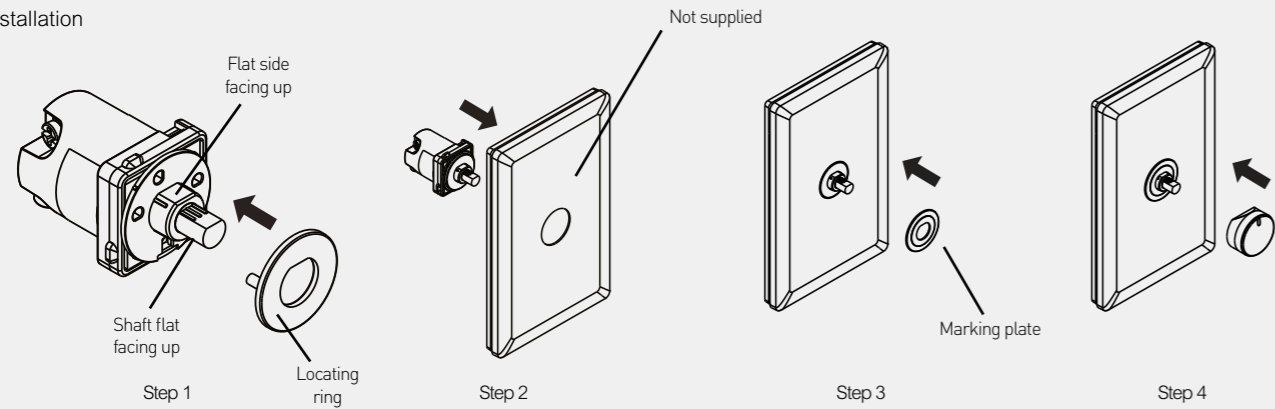### Wiring for rotary dimmers

One-way wiring diagram
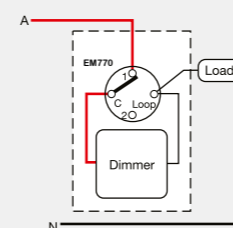
Two-way wiring diagram
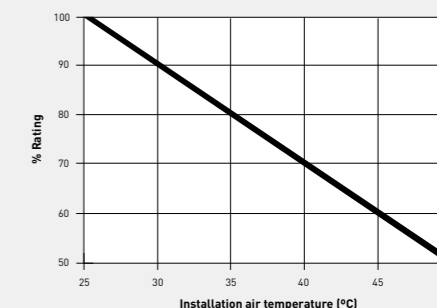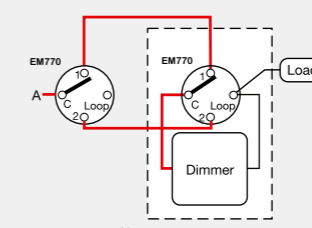
Important:
When used in ambient temperatures greater than 25ºC, the dimmer must be de-rated according to the following chart.
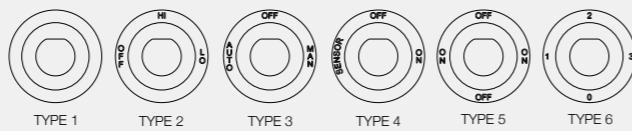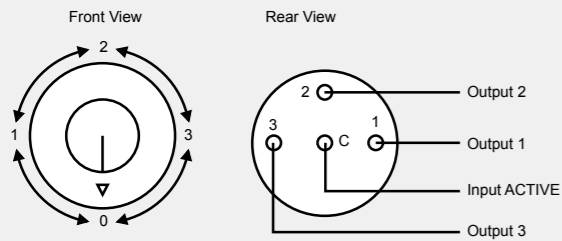
Rotary switch - EMRSWE/UG/BL

Installation

Flat side facing up

Not supplied

Shaft flat facing up

Locating ring

Marking plate

Step 1   Step 2   Step 3   Step 4

Rotation ring options

180°   270°   360°

Marking plate options

TYPE 1   TYPE 2   TYPE 3   TYPE 4   TYPE 5   TYPE 6

Wiring for 360° rotation

Front View   Rear View

Output 2
Output 1
Input ACTIVE
Output 3

SELECT ONE OF THE FOLLOWING WIRING OPTIONS:

POSITION				WIRING
0	1	2	3	
OFF	ON	ON	ON	Connect All Terminals
OFF	ON	OFF	ON	Do Not Connect Terminal 2

Wiring for 270° rotation
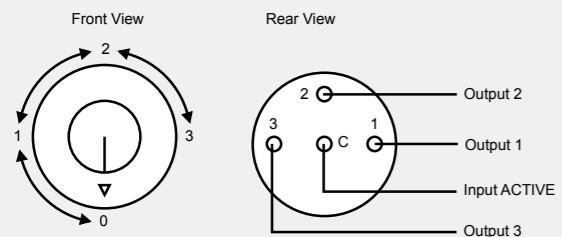
Front View   Rear View

Output 2
Output 1
Input ACTIVE
Output 3

SELECT ONE OF THE FOLLOWING WIRING OPTIONS:

POSITION				WIRING
0	1	2	3	
OFF	ON	ON	ON	Connect All Terminals

Wiring for 180° rotation

Front View   Rear View

Output 2
Output 1
Input ACTIVE
Output 3
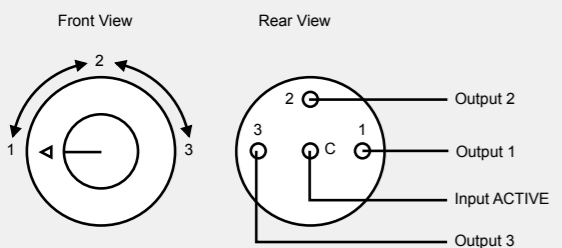
SELECT ONE OF THE FOLLOWING WIRING OPTIONS:

POSITION			WIRING
1	2	3	
ON	ON	ON	Connect All Terminals
ON	OFF	ON	Do Not Connect Terminal 2
OFF	ON	ON	Do Not Connect Terminal 1
ON	ON	OFF	Do Not Connect Terminal 3

Illuminated LED ring kits

Installation
EM770LED - LED 770 illumination kit

1. Standard switch   2. Remove ring   3. Insert new ring

Click

4. Screws must be fully screwed in   5. Align the slot and push   6. Engage in slot

Wiring

LED on when "OFF" (Low Impedance Load)   LED on when "ON"   LED on "ALWAYS"   LED on when "OFF" (High Impedance Load)
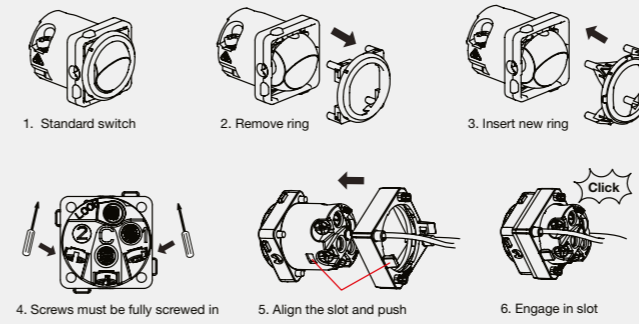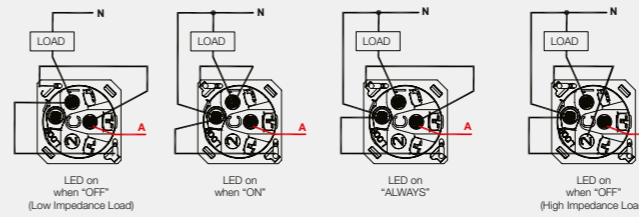
Note: Low Impedance Load examples include incandescent, halogen, resistive loads High Impedance Load examples include CFL's, LED globes

LED Power Available/Power Supplied Indicator Kits
EMPAPS2, EMPAPS1, EMPA, EMPS1, EMPS2, EM803LED

Features
- Voltage: 230-240V a.c.
- Frequency: 50Hz
- Current: 1.2mA per indicator
- Operating temperature: -5°C to +50°C
- Storage temperature: -10°C to +70°C
- Resistant to the following agents:
  Hexane, methylated spirits, soapy water, diluted ammonia, diluted pure bleach (10%), glass cleaning sustance, pre-impregnated wipes, diluted hydrogen peroxide
- Not resistant to the following agents:
 Acetone, tar remover, trichloroethylene

EMPA
EMPS1
EM803LED

EMPAPS1
EMPS2
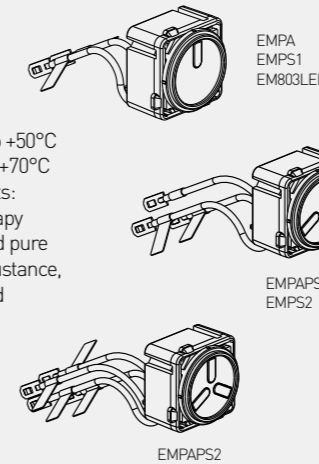
EMPAPS2

LED power supplied/power available indicator kits

Wiring

Wire/lead marking	LED N	LED L	LED R	LED	A
EMPAPS2	Neutral	Switched Active (LHS)	Switched Active (RHS)		Active
EMPAPS1	Neutral		Switched active		Active
EMPA	Neutral				Active
EMPS2	Neutral	Switched Active (LHS)	Switched Active RHS		
EMPS1	Neutral		Switched active		
EM803LED (power available) [++]	Neutral				Active
EM803LED (power supplied)	Neutral				Switched active
EM803LED (power available without neutral)**	Switched active				Active

[++] = In this mode the LED indicator will be ON whenever there is power available to the product.

** = In this mode the LED indicator will only be ON whenever the associated switch/socket is OFF. The current required to light the indicator when the switch is ON will be bled through the load.

LED N   Active Terminal   LED R   LED L

Example: EMPAPS2

'~' = Power available (Amber)
'⏻' = Power supplied (Red)
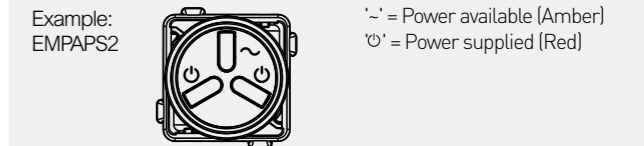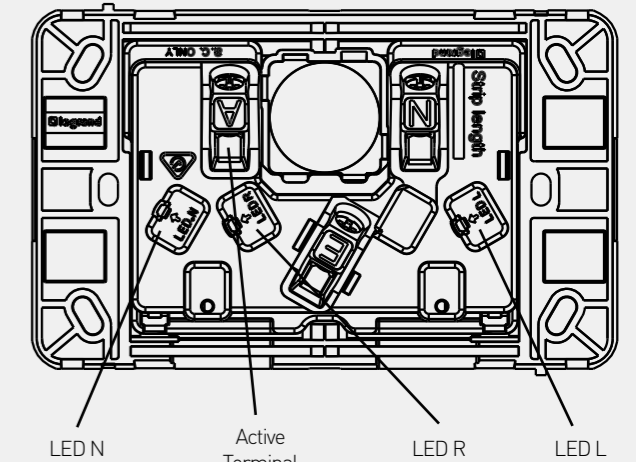
Installation
EMPAPS2, EMPAPS1, EMPA, EMPS1, EMPS2, EM803LED
LED Power Available/Power Supplied Indicator Kits

Not supplied

Connector leads

Click into this area

Connector leads MUST be fully inserted

Example of a fully inserted connector leads

30   Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative   31

Shutter, blind, curtain control

Plates and cut-out dimensions

Powerpoint installation details

Wiring

Push-button switch (Cat No EC919WE)

A
N

Control Box

6 A – 230-240V a.c.
50/60 Hz

N
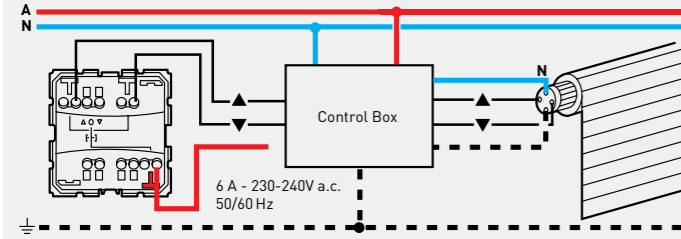
Push-button switch (Cat No EC920WE)

A
N

6 AX – 230-240V a.c.
50/60 Hz
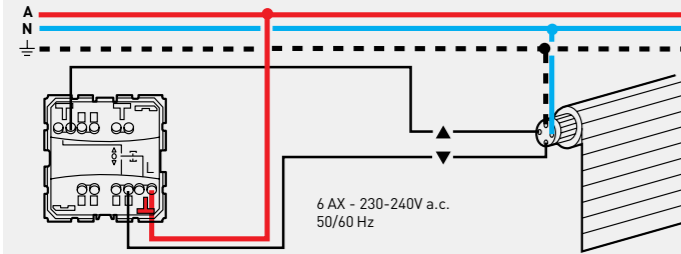
Dedicated plate series dimensions

121mm

77mm   10mm

Maximum cut-out dimensions

96mm

56mm
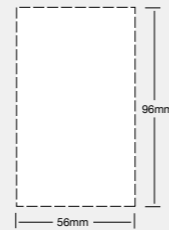
Common plate series dimensions

118mm

74mm   10mm

Maximum cut-out dimensions

96mm

56mm

Hard Surfaces Installations
Double powerpoint 10A

Single powerpoint 10A

Assembly

Assembly

TRIM EDGE TO FIT DGPO

Cut-out dimensions

Cut-out dimensions

92.00
84.00 (STD MOUNTING HOLES)
49.00
5.00
4 optional mounting holes
32.00   Ø40.00

CUT-OUT for TIMBER (with Ø40 hole saw)

89.00
84.00 (STD MOUNTING HOLES)
47.00
6.00
4 optional mounting holes
4.00   Ø40.00

CUT-OUT for TIMBER (with Ø40 hole saw)
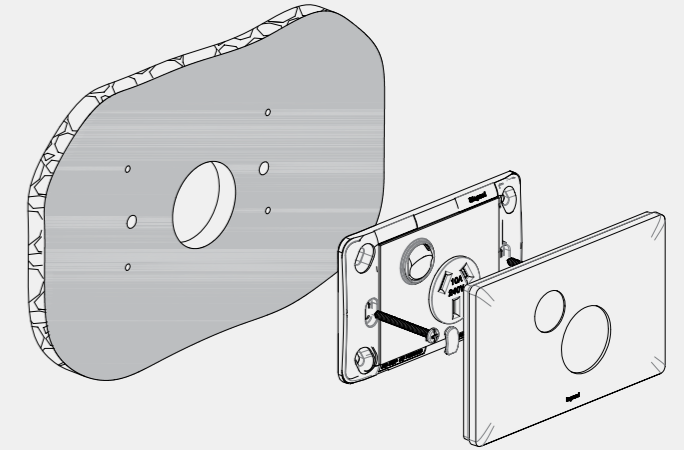
Product dimensions

Product dimensions

66
10
120
16
76
34
10A 240V   10A 240V

38
10
120
17
76
32
10A 240V
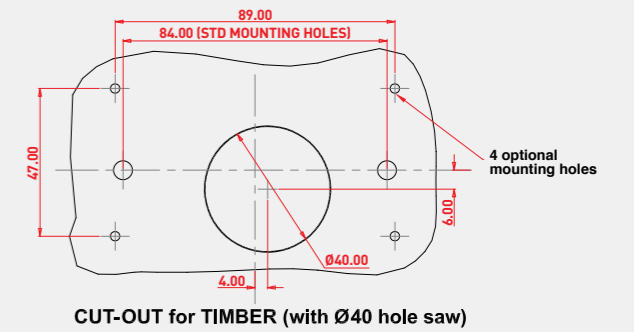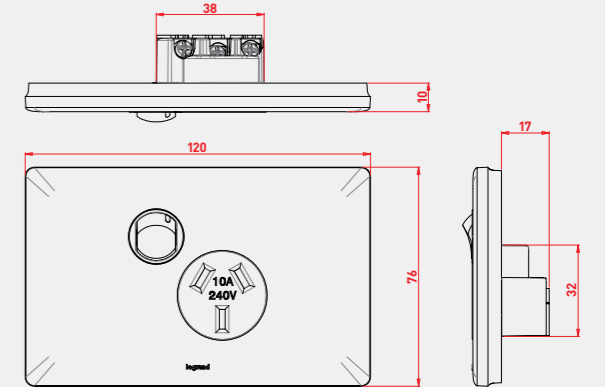
Note:
Cut-out dimensions for other devices are 96mm x 56mm

32   Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative

Whilst most items are stock lines some products are made to order. For delivery dates, custom prints and latest prices please contact your local Legrand customer service representative   33

USB Chargers installation details

Installation in plasterboard – USB Powerpoint

Mains cable
A E N

Brick Wall — Wall cavity*

USB socket

Excel Life Powerpoint with Dual USB Charger 2 × 2.4A

USB Charger
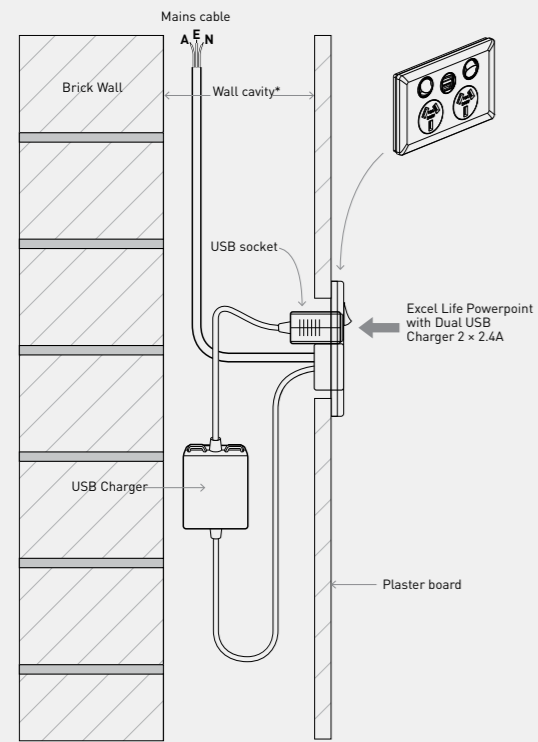
Plaster board

e.g. ED777USB2PSAWE

Installation in plasterboard – USB Charger

Brick Wall — Wall cavity*

USB socket

Excel Life Dual USB Charger 2 × 2.4A

USB Charger

Plaster board

A N
Connects to mains cable
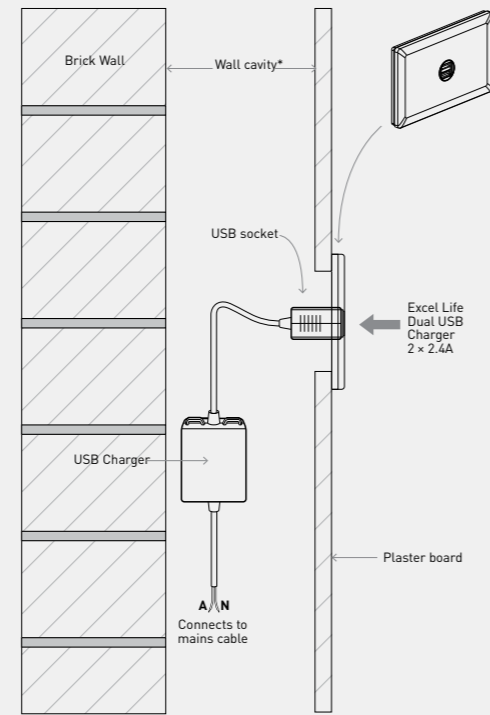
e.g. EMUSB2PSAWE + ED770/1GPLWE

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LEG3091

03/2021