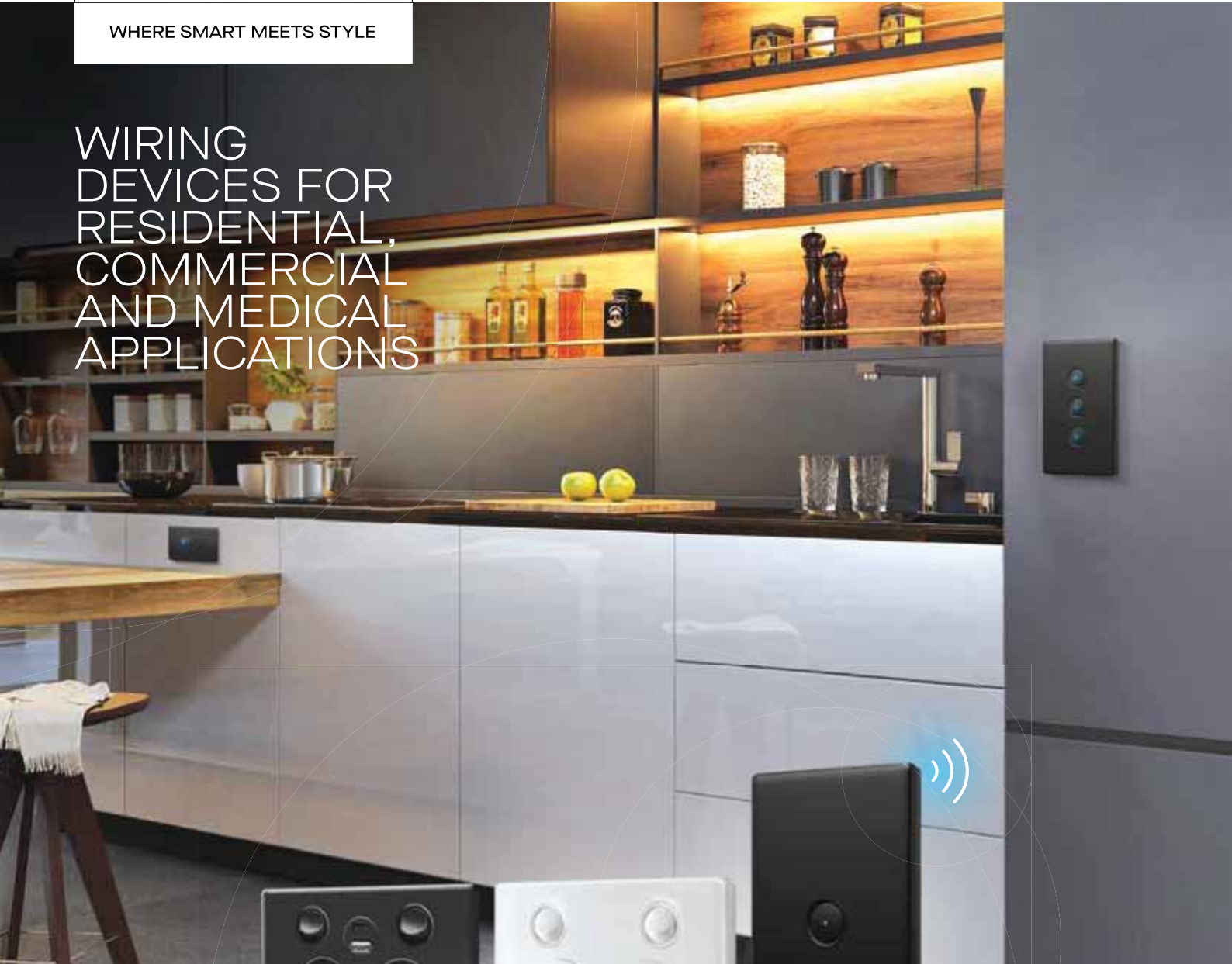# EXCEL *life*

WHERE SMART MEETS STYLE

WIRING DEVICES FOR RESIDENTIAL, COMMERCIAL AND MEDICAL APPLICATIONS
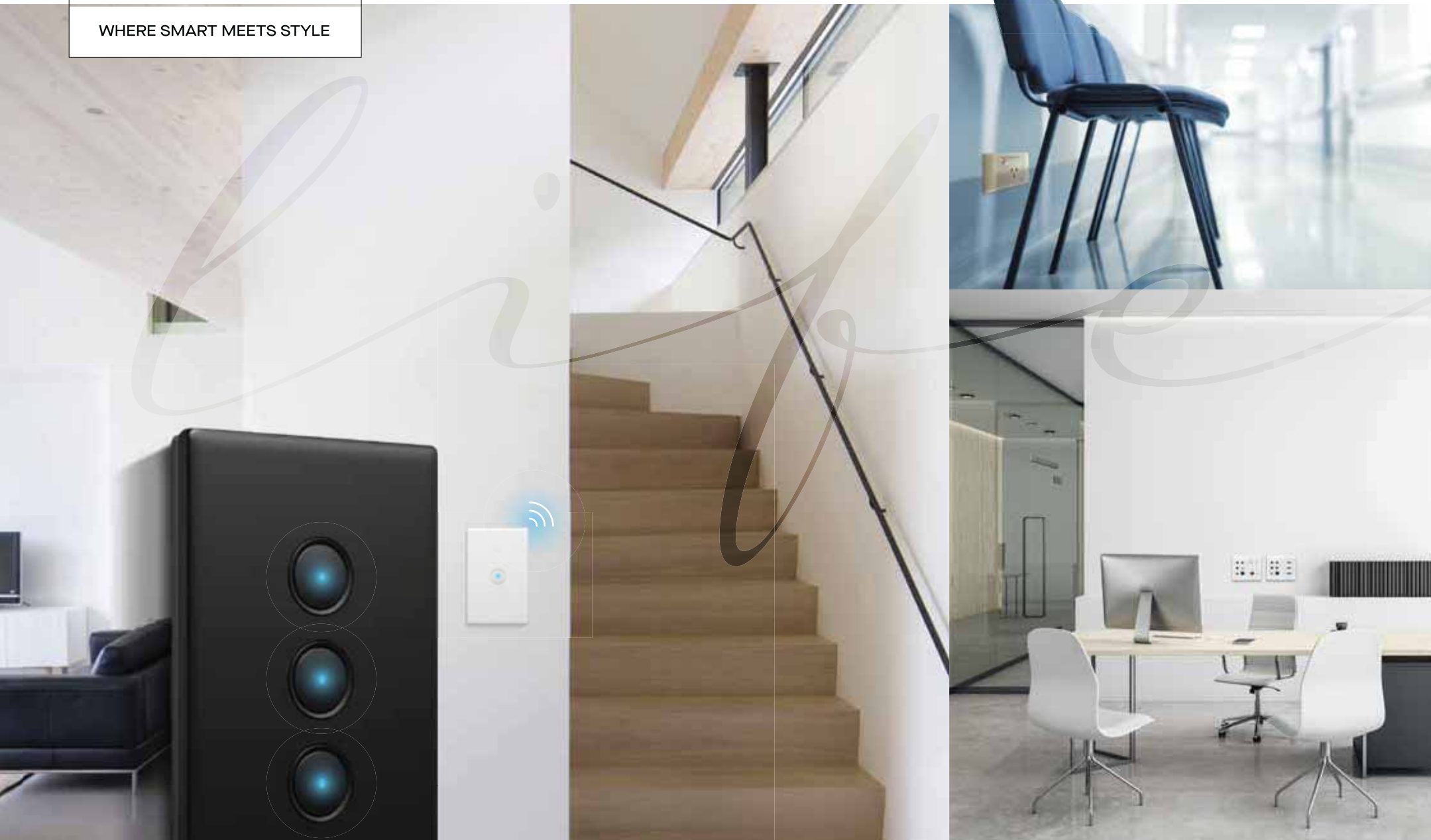
CATALOGUE
PAGES
INSIDE

THE **GLOBAL SPECIALIST**
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

L7 legrand®

EXCEL
life

WHERE SMART MEETS STYLE

Excel Life,

the mightiest and most comprehensive range of electrical accessories for Residential, Commercial and Medical applications. Discover our expanded range, now including Excel Life Smart and Matt.

CONTENTS

EXCEL *life*

SMART

MAKE IT SMART

SIMPLIFY DAILY LIFE

SCHEDULING

SCENARIOS

APP & VOICE

ENERGY MANAGEMENT

Introducing **Excel Life Smart** - a collection of smart wiring devices second to none. Combining local design and engineering with world-class smart home technology by Netatmo, this collection of switches and powerpoints blends seamlessly with existing Excel Life installations with the added convenience of full home control using a wall switch, smart phone or voice via a digital assistant.

Enjoy convenience, security and greater energy efficiency without the need to replace existing lighting or appliances.

Smarter than your average switch!

EASY TO INSTALL

EXCEL LIFE DESIGN
BASED ON 240V a.c. WIRING

INTEGRATED SMART
TECHNOLOGY

FUTURE-PROOF TECHNOLOGY

COMPATIBLE
WITH ALL DIGITAL
ASSISTANTS

Works with
Apple HomeKit

works with the
Google Assistant

WORKS WITH
alexa

eliot®
PROGRAM BY LEGRAND

WORKS WITH
L1 legrand®

DATA SAFETY

LEGRAND OWNED CLOUD

HIGH-LEVEL
ENCRYPTION

"RELOCATE ME
ANYWHERE"

2 GANG SWITCH
EWN770/2WE

SINGLE GPO
EWN787MB

WIRELESS SWITCH
EWNWSW1MW

EXCEL
life

M A T T

WHERE DESIGN MEETS STYLE

Performance and aesthetic combine to create the **Excel Life Matt** range of wiring devices. Featuring a luxurious matt texture, they not only look striking, but the matt finish makes them easier to clean and maintain.

Complement matt surfaces, tapware or appliances to create a designer finish, or be bold and add contrast.

Outshine with Matt!

DISCOVER THE EXCEL LIFE MATT COLLECTION

EM883MB

ED770/6MB

ED777USB2IMB

ED770/3MW

EM400A2PMW

ED787MW

Ⅼ legrand®

SOLUTIONS FOR
COMMERCIAL

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

EC787/2XWE + EMUSBN2ACWE + EMUSB1CWE

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

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.

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

O R I G I N A L

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
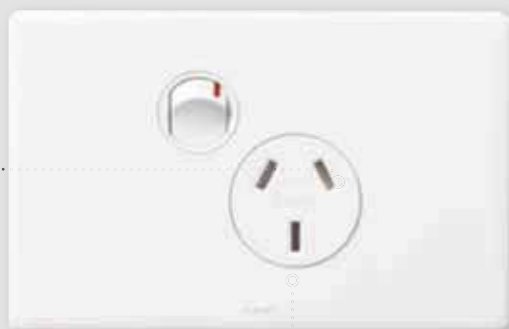
DOUBLE POWERPOINT

ED777WE

Inbuilt Child Safety Shutters

Ensures no accidental contact with live components

Easy Install in Cabinetry
Fits into 1 x Ø40mm hole

32mm
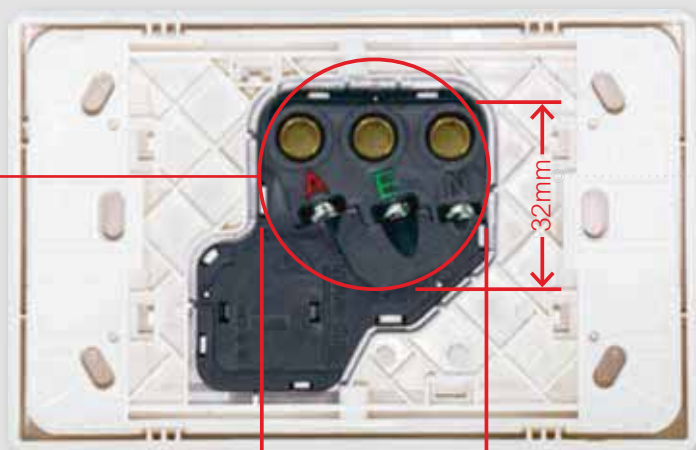
38mm

Small Footprint
Only 38mm wide

Inbuilt Child Safety Shutters

Ensures no accidental contact with live components

Easy Install in Cabinetry
Fits into 2 x Ø40mm holes
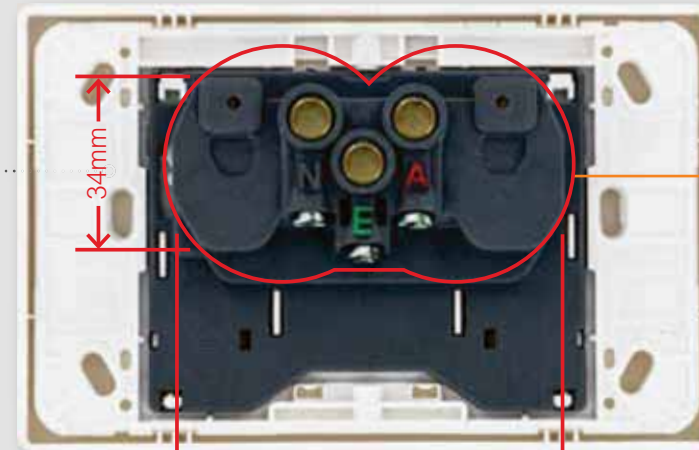
34mm

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
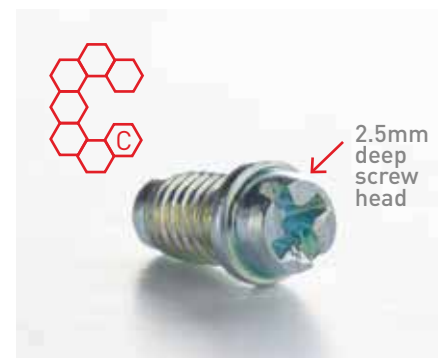
Captive Screws

Ergonomically Angled Screws

15°
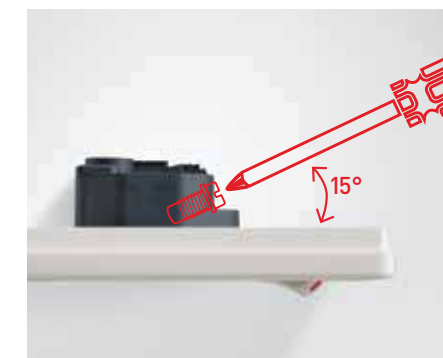
LARGE SELECTION OF
SWITCHES
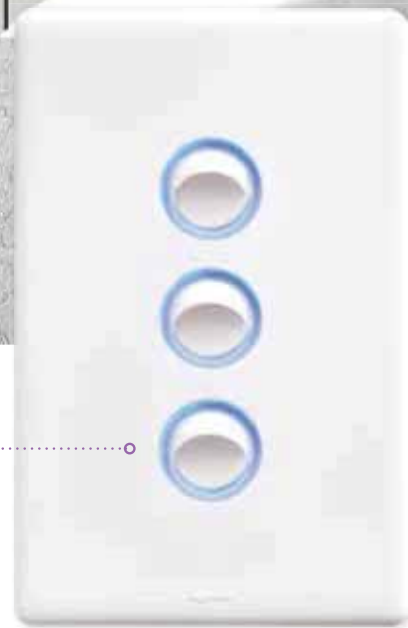
ILLUMINATED LED

Illuminated LED rings add a contemporary tech feel. They can be wired so they are always illuminated, or only when the switch is either in the ON or OFF position

ED770/3WE + 3 x EM770LEDWE

To create rockers with the illuminated LED rings, add the EM770LEDWE mechanism to any standard 16A or 20A EM770 rocker switch.

ED770/3WE

3 x EM770LEDWE

ED770/3WE + 3 x EM770LEDWE

Program LEDs red or blue

Easy programming to set minimum and maximum brightness levels

ED770/4GPLWE + 4 x EM400A2PWE + ED770/4PLDI

SUPER SMOOTH DIMMING

Enjoy the 2 & 3 wire, flicker-resistant all load dimmers. They're LED friendly and feature overload protection. They work brilliantly with slave switches for multi-way dimming in large rooms, stairwells and hallways.

Use with HPM DLI or LDL Tri-colour series LED downlights for smooth dimming.

INNOVATIVE
CHARGING SOLUTIONS

FASTEST USB POWERPOINTS

In this modern world, speed counts. Our USB powerpoints charge at 3A. They have been designed to charge two smartphones simultaneously or one tablet at their maximum speed.

ED777USBN2ACWE

ED770/3GPLWE + EMUSBN2ACWE + EMUSBN2CWE + EMUSB1CWE

ED777USB2IACWE

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
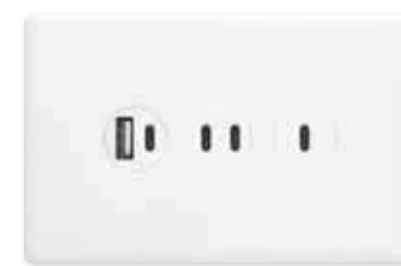
MAKE A MEGA USB CHARGING STATION

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

Stay powered up, with our Supercharged Single Type C 60W, the fastest wall USB charger on the market.

Designed to be capable of charging larger electronic devices, such as laptops or gaming consoles.

Excel Life Smart
Gateway and starter kit

MUST BE ORDERED FOR ANY CONNECTED INSTALLATION

Excel Life Smart
Connected products

STEP 1: Gateway or Starter kit

STEP 2: Connected products

412181 — EWNSKITWE

EWN770/1WE — EWN770/3MW — EWNDIM1MW — EWNDIM2MB — EWN787MW

Used to control your home remotely (lighting and electrical appliances) using a smartphone via the Home + Control App and/or voice control (via a voice assistant). Must be ordered for any connected installation. The individual connected products can be added to the gateway or starter kit. 2.4GHz Wi-Fi connection required.

Used to complete your connected installation, requires prior installation of a gateway or starter kit.

Pack	Cat No.	Gateway
1	412181	Used to create a connected installation. - 1 Gateway 240V a.c. Wi-Fi 2.4GHz 802.11 b/g/n Zigbee 2.4GHz to 2.4835GHz. DIN rail mounting. 2 modules DIN.

Starter kit

Used to create a connected installation
Includes:
- 1 Gateway 240V a.c. Wi-Fi 2.4GHz 802.11 b/g/n Zigbee 2.4GHz to 2.4835GHz. Supplied with support frame, grid & plate.
- 1 Wireless master switch with preset scenarios which can be customised in the Home + Control App. Supplied with CR2032 3V battery for power supply and 4 removable stickers for wall installation.
LED function for low battery indication.
Supplied with support frame and coverplate.
Zigbee 2.4GHz to 2.4835GHz

Pack	Cat No.	
1	EWNSKITWE	○ White
1	EWNSKITMW	○ Matt White
1	EWNSKITMB	● Matt Black

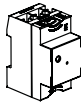| Pack	Cat No.	Smart devices - Wired (240V a.c.)
		240V a.c. 3 wire Compatible with most traditional and LED lighting loads Zigbee 2.4GHz to 2.4835GHz Horizontal or Vertical orientation

Smart switch
Max. load 100W

Pack	Cat No.	
1	EWN770/1WE	○ White - 1 gang
1	EWN770/1MW	○ Matt White - 1 gang
1	EWN770/1MB	● Matt Black - 1 gang
1	EWN770/2WE	○ White - 2 gang
1	EWN770/2MW	○ Matt White - 2 gang
1	EWN770/2MB	● Matt Black - 2 gang
1	EWN770/3WE	○ White - 3 gang
1	EWN770/3MW	○ Matt White - 3 gang
1	EWN770/3MB	● Matt Black - 3 gang

Smart dimmer
Max. load 150W
Dimmer mode and LED locator can be activated in the Home + Control app.

Pack	Cat No.	
1	EWNDIM1WE	○ White - 1 gang
1	EWNDIM1MW	○ Matt White - 1 gang
1	EWNDIM1MB	● Matt Black - 1 gang
1	EWNDIM2WE	○ White - 2 gang
1	EWNDIM2MW	○ Matt White - 2 gang
1	EWNDIM2MB	● Matt Black - 2 gang
1	EWNDIM3WE	○ White - 3 gang
1	EWNDIM3MW	○ Matt White - 3 gang
1	EWNDIM3MB	● Matt Black - 3 gang

Smart single powerpoint

Used to control electrical appliances remotely
Can be paired with one or more wireless switch to create a controlled socket
10A 240V a.c.
Measures instantaneous power and monitors daily and monthly consumption, plus sends configurable notifications (fault, consumption, etc)
Zigbee 2.4GHz to 2.4835GHz

Pack	Cat No.	
1	EWN787WE	○ White
1	EWN787MW	○ Matt White
1	EWN787MB	● Matt Black

Red catalogue number: new product

Excel Life Smart
Connected products

STEP 2: Connected products

574243 — EWNM770WE — EWNMDIMMW — EWN770/3GPLMB

| Pack	Cat No.	Smart devices - Wired (240V a.c.)
		Smart micromodule Used to provide connected lighting 300W, with neutral Can be controlled by home + control app, smart auxiliary switch, momentary switches or wireless switches To be installed close to the lighting load Zigbee 2.4GHz to 2.4835GHz
1	574243	
		Connected curtain/roller blind micromodule For local and remote control of a 230 V∿ roller blind (raise/lower/stop functions and level management) Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds. Can be paired with one or more roller blind wireless switches. To be installed in the ceiling box or roller blind box to connect a new or existing roller blind.
1	067697	

Pack	Cat No.	Smart mechanisms - Wired (240V a.c.)
		Switch mechanisms 240V a.c. 3 wire Max. load 100W Compatible with most traditional and LED lighting loads.
1	EWNM770WE	○ White
1	EWNM770MW	○ Matt White
1	EWNM770MB	● Matt Black
		Dimmer mechanisms 240V a.c. 3 wire Max. load 150W Compatible with most traditional and LED lighting loads. Zigbee 2.4GHz to 2.4835GHz Dimmer mode and LED locator can be activated in the Home + Control app.
1	EWNMDIMWE	○ White
1	EWNMDIMMW	○ Matt White
1	EWNMDIMMB	● Matt Black

Grid & plates

To be equipped with Excel Life Smart mechanisms

Pack	Cat No.	
1	EWN770/1GPLWE	○ White - 1 gang
1	EWN770/1GPLMW	○ Matt White - 1 gang
1	EWN770/1GPLMB	● Matt Black - 1 gang
1	EWN770/2GPLWE	○ White - 2 gang
1	EWN770/2GPLMW	○ Matt White - 2 gang
1	EWN770/2GPLMB	● Matt Black - 2 gang
1	EWN770/3GPLWE	○ White - 3 gang
1	EWN770/3GPLMW	○ Matt White - 3 gang
1	EWN770/3GPLMB	● Matt Black - 3 gang

Red catalogue number: new product

STEP 2: Connected products

| EWNWSW1WE | 067694 | 574252 | EWNWMSWE | EWNWBLIWE | EWN3GPLWE |

Used to complete your connected installation, requires prior installation of a Starter kit cat no. EWNSKIT series or DIN-rail gateway cat no. 412181

Used to complete your connected installation, requires prior installation of a gateway or starter kit.

Pack	Cat No.	**Smart wireless switches and controls**
		Supplied complete with CR2032 3V battery and 4 stickers to mount on walls. Zigbee 2.4GHz to 2.4835GHz.

Wireless Switch /dimmer

Pack	Cat No.	
1	EWNWSW1WE	○ White - 1 Gang - Stand-alone
1	EWNWSW1MW	○ Matt White - 1 Gang - Stand-alone
1	EWNWSW1MB	● Matt Black - 1 Gang - Stand-alone
1	EWNWCWE	○ White - 1 Gang - Clip-in grid
1	EWNWCMW	○ Matt White - 1 Gang - Clip-in grid
1	EWNWCMB	● Matt Black - 1 Gang - Clip-in grid

Wireless auxiliary switch

Pack	Cat No.	
1	067694	Allows to transform a mechanical 2-way switch into a wireless on/off switch. Small size for easy integration into the wall box. To be paired with one connected switch, micro-module, socket outlet. Supplied with CR2032 3V long-life battery for powersupply

Motion sensor

Pack	Cat No.	
1	574252	Allows to control up to 20 wired switches,micromodules and socket outlets. Easy pairing by tapping the wired products. Supplied with 2 x AA battery. For indoor and outdoor use. Recommended distance between 2 sensors: 6 m. Recommended installation height: 2.5 m. Time delay adjustable from 1 to 30 min. Range: 8 m. Detection angle: 140°. Sensor range adjustable from 2 m to 8 m. Light level threshold adjustable from 1 to 1000 lux

Pack	Cat No.	**Wireless - Master Switch**
1	EWNWMSWE	○ White - Stand-alone
1	EWNWMSMW	○ Matt White - Stand-alone
1	EWNWMSMB	● Matt Black - Stand-alone
1	EWNWCMSWE	○ White - Clip-in grid
1	EWNWCMSMW	○ Matt White - Clip-in grid
1	EWNWCMSMB	● Matt Black - Clip-in grid

Wireless Shutter/Blind Switch

Pack	Cat No.	
1	EWNWBLIWE	○ White - Stand-alone
1	EWNWBLIMW	○ Matt White - Stand-alone
1	EWNWBLIMB	● Matt Black - Stand-alone
1	EWNWCBLIWE	○ White - Clip-in grid
1	EWNWCBLIMW	○ Matt White - Clip-in grid
1	EWNWCBLIMB	● Matt Black - Clip-in grid

Grid & plates for clip-in wireless Master or Shutter/blind switches

For 1 x Wireless clip-in Master switch or Shutter/blind

Pack	Cat No.	
1	EWN1GPLWE	○ White
1	EWN1GPLMW	○ Matt White
1	EWN1GPLMB	● Matt Black

For 1 x Wireless clip-in Master or Shutter/Blind switch + 1 x smart switch or dimmer (240V a.c.)

Pack	Cat No.	
1	EWN2GPLWE	○ White
1	EWN2GPLMW	○ Matt White
1	EWN2GPLMB	● Matt Black

For 1 x Wireless clip-in Master or Shutter/blind switch + 2 x smart switches or dimmers (240V a.c.)

Pack	Cat No.	
1	EWN3GPLWE	○ White
1	EWN3GPLMW	○ Matt White
1	EWN3GPLMB	● Matt Black

Red catalogue number: new product

DISCOVER LEGRAND
SMART SOLUTIONS

eliot
PROGRAM BY LEGRAND

INTRODUCING ELIOT: Legrand's connected devices programme that helps bring smart, energy-efficient buildings to life. With Eliot, Legrand is constantly innovating to make the connected home simpler to access and use with an ever-increasing choice of solutions.

NETATMO CAMERAS AND WEATHER STATIONS

ARTEOR WITH NETATMO SWITCHES & SOCKETS

DOOR ENTRY SYSTEMS

SMART DOWNLIGHTS

GALAXY - CONNECTED EMERGENCY LIGHTING SYSTEM

EXCEL LIFE SMART SWITCHES & SOCKETS

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

Light switches - dedicated plate series

ED770/1WE ED770/2BL ED770/4WE ED770/2HWE

Vertical switches 230-240V a.c.

Pack	Cat No.	
		Rocker mechanism SPDT 16A fluoro rated 16AX
10	ED770/1WE	○ White - 1 gang
10	ED770/1UG	◐ Urban Grey - 1 gang
10	ED770/1BL	● Black - 1 gang
10	ED770/1MW	○ Matt White - 1 gang
10	ED770/1MB	● Matt Black - 1 gang
10	ED770/2WE	○ White - 2 gang
10	ED770/2UG	◐ Urban Grey - 2 gang
10	ED770/2BL	● Black - 2 gang
10	ED770/2MW	○ Matt White - 2 gang
10	ED770/2MB	● Matt Black - 2 gang
10	ED770/3WE	○ White - 3 gang
10	ED770/3UG	◐ Urban Grey - 3 gang
10	ED770/3BL	● Black - 3 gang
10	ED770/3MW	○ Matt White - 3 gang
10	ED770/3MB	● Matt Black - 3 gang
10	ED770/4WE	○ White - 4 gang
10	ED770/4UG	◐ Urban Grey - 4 gang
10	ED770/4BL	● Black - 4 gang
10	ED770/4MW	○ Matt White - 4 gang
10	ED770/4MB	● Matt Black - 4 gang
10	ED770/5WE	○ White - 5 gang
10	ED770/5UG	◐ Urban Grey - 5 gang
10	ED770/5BL	● Black - 5 gang
10	ED770/5MW	○ Matt White - 5 gang
10	ED770/5MB	● Matt Black - 5 gang
10	ED770/6WE	○ White - 6 gang
10	ED770/6UG	◐ Urban Grey - 6 gang
10	ED770/6BL	● Black - 6 gang
10	ED770/6MW	○ Matt White - 6 gang
10	ED770/6MB	● Matt Black - 6 gang
		Rocker mechanism 40A
10	ED770/40WE	○ White - 1 gang
10	ED770/40UG	◐ Urban Grey - 1 gang
		Rocker mechanism double pole 40A
10	ED770/40DPWE	○ White - 1 gang
10	ED770/40DPUG	◐ Urban Grey - 1 gang
		Rocker mechanism double pole engraved 'COOKTOP' 40A
10	ED770/40DPCTPWE	○ White - 6 gang
10	ED770/40DPCTPUG	◐ Urban Grey - 6 gang
10	ED770/40DPCTPBL	● Black - 6 gang

For custom engraving please contact customer service.

Red catalogue number: new product

Horizontal switches 230-240V a.c.

Pack	Cat No.	
		Rocker mechanism SPDT 16A fluoro rated 16AX
10	ED770/1HWE	○ White - 1 gang
10	ED770/1HMW	○ Matt White - 1 gang
10	ED770/1HMB	● Matt Black - 1 gang
10	ED770/2HWE	○ White - 2 gang
10	ED770/2HMW	○ Matt White - 2 gang
10	ED770/2HMB	● Matt Black - 2 gang
10	ED770/3HWE	○ White - 3 gang
10	ED770/3HMW	○ Matt White - 3 gang
10	ED770/3HMB	● Matt Black - 3 gang
10	ED770/4HWE	○ White - 4 gang
10	ED770/4HMW	○ Matt White - 4 gang
10	ED770/4HMB	● Matt Black - 4 gang
10	ED770/5HWE	○ White - 5 gang
10	ED770/5HMW	○ Matt White - 5 gang
10	ED770/5HMB	● Matt Black - 5 gang
10	ED770/6HWE	○ White - 6 gang
10	ED770/6HMW	○ Matt White - 6 gang
10	ED770/6HMB	● Matt Black - 6 gang

Light switches - dedicated plate series
IP66 and architrave

ED770/1IPUG ED770/2IPWE ED770/4FLHHWE ED770/2HIPWE EDA770/1WE

Vertical switches IP66 230-240V a.c.

Pack	Cat No.	
		Rocker mechanism SPDT 16A fluoro rated 16AX
10	ED770/1IPWE	○ White - 1 gang
10	ED770/1IPUG	◐ Urban Grey - 1 gang
10	ED770/2IPWE	○ White - 2 gang
10	ED770/2IPUG	◐ Urban Grey - 2 gang
10	ED770/3IPWE	○ White - 3 gang
10	ED770/4IPWE	○ White - 4 gang

Horizontal switches IP66 230-240V a.c.

Pack	Cat No.	
		Rocker mechanism SPDT 16A fluoro rated 16AX
5	ED770/1HIPWE	○ White - 1 gang
5	ED770/2HIPWE	○ White - 2 gang

Vertical Instant Heat Controller switches 230-240V a.c.

Pack	Cat No.	
		Engraved light, fan, heat switch, 10A
10	ED770/3FLHWE	○ White - 3 gang
		Engraved light, fan, heat, 10A suits ducted device BH2DWE/MS
5	ED770/3FLHCWE	○ White - 3 gang
		Engraved light, fan, heat x2, 10A
10	ED770/4FLHHWE	○ White - 4 gang
		Engraved light, fan, heat x2, 10A suits ducted device BH4DWE/MS
5	ED770/4FLHHCWE	○ White - 4 gang

Architrave switches 230-240V a.c.

Pack	Cat No.	
		Rocker mechanism SPDT 16A fluoro rated 16AX
10	EDA770/1WE	○ White - 1 gang
10	EDA770/2WE	○ White - 2 gang
10	EDA770/3WE	○ White - 3 gang

Powerpoints - dedicated plate series

ED777WE ED777MB ED777ESWE EDV777WE ED777EL10WE EDV777XUG ED777XMB

Pack	Cat No.	
		Horizontal powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Double powerpoint 10A
10	ED777WE	○ White
10	ED777UG	● Urban Grey
10	ED777BL	● Black
10	ED777MW	○ Matt White
10	ED777MB	● Matt Black
		Double powerpoint with extra function hole 10A
10	ED777XWE	○ White
10	ED777XUG	● Urban Grey
10	ED777XBL	● Black
10	ED777XMW	○ Matt White
10	ED777XMB	● Matt Black
		Double autoswitch powerpoint 10A
10	ED777AWE	○ White
10	ED777AUG	● Urban Grey
10	ED777ABL	● Black
		Double round earth powerpoint 10A
10	ED777RWE	○ White
10	ED777RUG	● Urban Grey
		Double extra safety powerpoint 10A
10	ED777ESWE	○ White
10	ED777ESÚG	● Urban Grey
		Double extra safety autoswitch powerpoint 10A
10	ED777AESWE	○ White
10	ED777AESUG	● Urban Grey
		Double powerpoint, double pole 10A
10	ED777DPWE	○ White
10	ED777DPUG	● Urban Grey
		Double powerpoint 15A
10	ED777/15WE	○ White
10	ED777/15UG	● Urban Grey
		4 gang powerpoint 10A
10	ED7774WE	○ White
10	ED7774UG	● Urban Grey
10	ED7774BL	● Black
		Horizontal RCD protected powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Double powerpoint 10A, 10mA RCD
1	ED777EL10WE	○ White
1	ED777EL10UG	● Urban Grey
		Double powerpoint 10A, 30mA RCD
1	ED777EL30WE	○ White
1	ED777EL30UG	● Urban Grey

Pack	Cat No.	
		Horizontal USB powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Double powerpoint 10A, with integrated USB charger 2.4A Type A
1	ED777USB2IWE	○ White
1	ED777USB2IUG	● Urban Grey
1	ED777USB2IBL	● Black
1	ED777USB2IMW	○ Matt White
1	ED777USB2IMB	● Matt Black
		Double Powerpoint 10A, with integrated USB charger 2.4A Type A+C
1	ED777USB2IACWE	○ White
1	ED777USB2IACUG	● Urban Grey
1	ED777USB2IACBL	● Black
1	ED777USB2IACMW	○ Matt White
1	ED777USB2IACMB	● Matt Black
		Double powerpoint 10A, with USB charger 3A Type A & C
1	ED777USBN2ACWE	○ White
1	ED777USBN2ACUG	● Urban Grey
1	ED777USBN2ACBL	● Black
		Double powerpoint 10A, with USB charger 3A Dual Type C
1	ED777USBN2CWE	○ White
1	ED777USBN2CUG	● Urban Grey
1	ED777USBN2CBL	● Black
		Double powerpoint 10A, with USB charger Type C 60w (1 port)
1	ED777USB1CWE	○ White
1	ED777USB1CUG	● Urban Grey
1	ED777USB1CBL	● Black
		Vertical double powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Vertical double powerpoint 10A
10	EDV777WE	○ White
10	EDV777UG	● Urban Grey
10	EDV777BL	● Black
10	EDV777MW	○ Matt White
10	EDV777MB	● Matt Black
		Vertical double powerpoint with extra function hole 10A
10	EDV777XWE	○ White
10	EDV777XUG	● Urban Grey
10	EDV777XBL	● Black
10	EDV777XMW	○ Matt White
10	EDV777XMB	● Matt Black
		Vertical double autoswitch powerpoint 10A
10	EDV777AWE	○ White
10	EDV777AUG	● Urban Grey

Red catalogue number: new product

Powerpoints - dedicated plate series

ED787MW ED787/2XWE ED787/15BL EDV787XWE EDV787/2XUG EDV787ARWE EDV787/15WE

Pack	Cat No.	
		Horizontal single powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Single powerpoint 10A
10	ED787WE	○ White
10	ED787UG	● Urban Grey
10	ED787BL	● Black
10	ED787MW	○ Matt White
10	ED787MB	● Matt Black
		Single powerpoint with extra function hole 10A
10	ED787XWE	○ White
10	ED787XUG	● Urban Grey
		Single powerpoint with 2 extra function holes 10A
10	ED787/2XWE	○ White
10	ED787/2XUG	● Urban Grey
		Single round earth powerpoint 10A
10	ED787RWE	○ White
10	ED787RUG	● Urban Grey
		Single autoswitch powerpoint 10A
10	ED787AWE	○ White
10	ED787AUG	● Urban Grey
		Single round earth autoswitch powerpoint 10A
10	ED787/ARWE	○ White
10	ED787/ARUG	● Urban Grey
		Single double pole powerpoint 10A
10	ED787DPWE	○ White
10	ED787DPUG	● Urban Grey
		Single powerpoint 15A
10	ED787/15WE	○ White
10	ED787/15UG	● Urban Grey
10	ED787/15BL	● Black
		Single autoswitch powerpoint 15A
10	ED787A/15WE	○ White
10	ED787A/15UG	● Urban Grey
		Single powerpoint 20A
10	ED787/20WE	○ White
10	ED787/20UG	● Urban Grey
		Single powerpoint 25A
10	ED787/25WE	○ White
10	ED787/25UG	● Urban Grey
		Single powerpoint 32A unswitched
10	ED787U/32WE	● White
10	ED787U/32UG	● Urban Grey
10	ED787U/32BL	Black

Pack	Cat No.	
		Vertical single powerpoints 230-240V a.c.
		Internal safety shutters on all powerpoints
		Vertical single powerpoint 10A
10	EDV787WE	○ White
10	EDV787UG	● Urban Grey
10	EDV787BL	● Black
10	EDV787MW	○ Matt White
10	EDV787MB	● Matt Black
		Vertical single powerpoint with extra function hole 10A
10	EDV787XWE	○ White
10	EDV787XUG	● Urban Grey
		Vertical single powerpoint with 2 extra function holes 10A
10	EDV787/2XWE	○ White
10	EDV787/2XUG	● Urban Grey
		Vertical single round earth powerpoint 10A
10	EDV787RWE	○ White
10	EDV787RUG	● Urban Grey
		Vertical single autoswitch round earth powerpoint 10A
10	EDV787ARWE	○ White
10	EDV787ARUG	● Urban Grey
		Vertical single powerpoint 15A
10	EDV787/15WE	○ White
10	EDV787/15UG	● Urban Grey
		Vertical single autoswitch powerpoint 15A
10	EDV787A/15WE	○ White
10	EDV787A/15UG	● Urban Grey

Red catalogue number: new product

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

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

Red catalogue number: new product

Mechanical mechanisms engraved

EM770BYPASSWE EM770DAYNIGHTWE EM770KITCHENWE EM770/20HWSWE EM770/32OVENWE

MARKED AS	Amp Rating	Mechanism Type	Pack	Cat No.				
				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
DPXT = double pole cross-over
AX = fluorescent rated switch

DPST = double pole, single throw
NC = normally closed

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

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FIND THE EXCEL LIFE RANGE ON POWERPLAN

POWERFUL AND EASY TO USE

POWERPLAN & EXCEL LIFE

POWERPLAN has been designed to simplify electrical consultations by creating visual floor plans which can be edited in seconds. Created with the builder in mind, it allows consultants to quickly and easily develop an electrical plan prior and during the customer's appointment, allowing for up-sell opportunities.

- Design electrical plans quickly and easily

- Import and print high quality floor plans

- Directly comment on floor plans

- Manage pricing files

- Add and filter your product database through product categories

- Generate accurate quote in seconds

- User friendly visual tool

- Reliable and secure web application
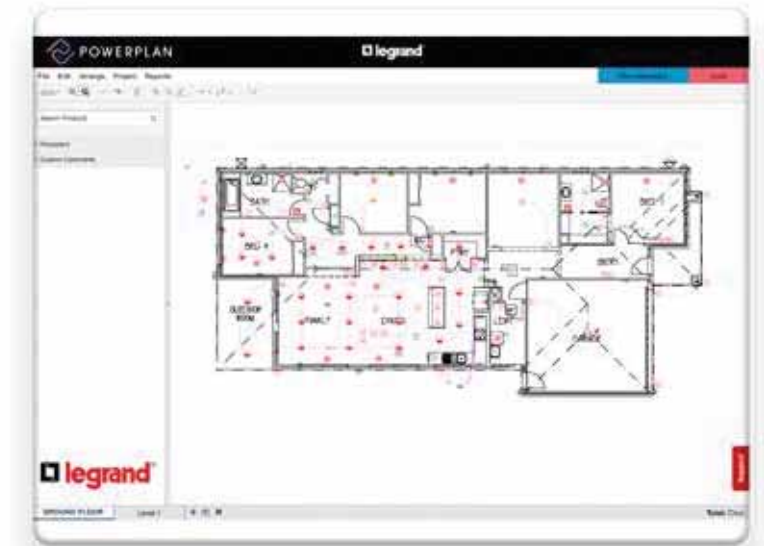
Electronic mechanisms

EM883WE

EM800SLAVEWE

EM400A2PBL

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

Pack	Cat No.	
10	EM883WE	○ White
10	EM883UG	● Urban Grey
10	EM883BL	● Black
10	EM883MW	○ Matt White
10	EM883MB	● Matt Black

Secondary control push-button

Pack	Cat No.	
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

Pack	Cat No.	
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)

Pack	Cat No.	
10	EM400A3PWE	○ White
10	EM400A3PUG	● Urban Grey
10	EM400A3PBL	● Black
10	EM400A3PMW	○ Matt White
10	EM400A3PMB	● Matt Black

Fan controller mechanisms 230-240V a.c.

3 speed, 100VA mechanism

Pack	Cat No.	
10	EM3FCWE	○ White
10	EM3FCUG	● Urban Grey
10	EM3FCBL	● Black

Spare fan controller knobs (pkt of 5)

Pack	Cat No.	
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

Pack	Cat No.	
10	EM250TRWE	○ White
10	EM250TRUG	● Urban Grey

400VA Trailing edge

Pack	Cat No.	
10	EM400TRWE	○ White
10	EM400TRUG	● Urban Grey
10	EM400TRBL	● Black

700VA Trailing edge

Pack	Cat No.	
10	EM700TRWE	○ White
10	EM700TRUG	● Urban Grey

2000VA leading-edge remote dimmer

Pack	Cat No.	
10	EM2000ERC	○ White

Spare dimmer knobs (pkt of 5)

Pack	Cat No.	
5	EADIMKNOBWE	○ White
5	EADIMKNOBUG	● Urban Grey
5	EADIMKNOBBL	● Black

Electronic mechanisms

EM803PIRWE

EM803SURGEWE

EM770LEDWE

EMPAPS1WE

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

Pack	Cat No.	
10	EM803PIRWE	○ White
10	EM803PIRUG	● Urban Grey
10	EM803PIRBL	● Black

Manual Override 3 wire 5A

Pack	Cat No.	
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

Pack	Cat No.	
10	EM802TDWE	○ White
10	EM802TDUG	● Urban Grey

Can be programmed from 1-60 minutes in steps of 5 minutes

Pack	Cat No.	
10	EM803TDWE	○ White
10	EM803TDUG	● Urban Grey

Surge protection switch mechanism 230-240V a.c., 500J

Pack	Cat No.	
10	EM803SURGEWE	○ White
10	EM803SURGEUG	● Urban Grey

Extra low-voltage 12V d.c. push-button mechanisms

With LED indicator

Pack	Cat No.	
10	EMELVNWE	○ White
10	EMELVNUG	● Urban Grey

Without LED indicator

Pack	Cat No.	
10	EMELVWE	○ White
10	EMELVUG	● Urban Grey

Illumination switch mechanisms 230-240V a.c.

See p50 for wiring diagram

EM770 illumination blue LED kit

Pack	Cat No.	
10	EM770LEDWE	○ White
10	EM770LEDUG	● Urban Grey
10	EM770LEDBL	● Black

White LED and coloured lenses kit

Pack	Cat No.	
10	EM803LEDWE	○ White
10	EM803LEDUG	● Urban Grey

Power available and 1 gang power supplied indicator kit

Pack	Cat No.	
10	EMPAPS1WE	○ White
10	EMPAPS1UG	● Urban Grey

Power available and 2 gang power supplied indicator kit

Pack	Cat No.	
10	EMPAPS2WE	○ White
10	EMPAPS2UG	● Urban Grey

Power available indicator kit (Amber)

Pack	Cat No.	
10	EMPAWE	○ White
10	EMPAUG	● Urban Grey

Power supplied to 1 outlet indicator kit (Red)

Pack	Cat No.	
10	EMPS1WE	○ White
10	EMPS1UG	● Urban Grey

Power supplied to 2 outlets indicator kit

Pack	Cat No.	
10	EMPS2WE	○ White
10	EMPS2UG	● Urban Grey

RJ11 CAT 3 voice sockets and RJ45 CAT 5E sockets

RJ45 CAT 6 data sockets and Keystone adapters

Audio and video sockets and devices

USB chargers

EMRJ11C3WE	EMRJ11C3BL	EMRJ45C5EBU	EMRJ45C5EGR	

EMRJ45C6RD	EMRJ45C6YE	EMKEYSTONEAWE	EMKEYSTONEBWE

EMFFFOXWE	EMSPWE	EMRCARDWE

EMUSBN2CWE	EMUSBN2ACWE

RJ11 voice sockets

Additional slot available for looping. Compatible with both Krone and IDC termination tools

Pack	Cat No.	
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

Pack	Cat No.	
10	EMRJ45C5EWE	○ White
10	EMRJ45C5EBL	● Black
10	EMRJ45C5EBU	● Blue
10	EMRJ45C5EGR	● Green
10	EMRJ45C5ERD	● Red
10	EMRJ45C5EYE	● Yellow

RJ45 data sockets

Compatible with both Krone and IDC termination tools

Pack	Cat No.	
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

Pack	Cat No.	
10	EMRJ45C6AWE	○ White
10	EMRJ45C6ABL	● Black

Keystone adapters

Suits Clipsal, Leviton, Hubbell, Siemon and Krone keystone jacks

Pack	Cat No.	
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

Audio and video mechanisms

HDMI 2.0 outlet
Female-to-female straight connector

Pack	Cat No.	
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 charger mechanisms 230-240V a.c.

Dual USB Charger Mechanism 3A Type A and C

Pack	Cat No.	
12	EMUSBN2ACWE	○ White
12	EMUSBN2ACUG	● Urban Grey
12	EMUSBN2ACBL	● Black

Dual USB Charger Mechanism 3A Dual Type C

1	EMUSBN2CWE	○ White
1	EMUSBN2CUG	● Urban Grey
1	EMUSBN2CBL	● Black

USB charger mechanism, Type C, 60W (single port)

1	EMUSB1CWE	○ White
1	EMUSB1CUG	● Urban Grey
1	EMUSB1CBL	● Black

Red catalogue number: new product

Red catalogue number: new product

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

Grids and coverplates

ED770/2GPLBL

ED770/4GPLWE

ED770/6GPLWE

Pack	Cat No.	Dedicated Plate Series grids and coverplates only
10	ED770/0GPLWE	○ White - Blank
10	ED770/0GPLUG	◑ Urban Grey - Blank
10	ED770/0GPLBL	● Black - Blank
10	ED770/1GPLWE	○ White - 1 gang
10	ED770/1GPLUG	◑ Urban Grey - 1 gang
10	ED770/1GPLBL	● Black - 1 gang
10	ED770/1GPLMW	○ Matt White - 1 gang
10	ED770/1GPLMB	● Matt Black - 1 gang
10	ED770/2GPLWE	○ White - 2 gang
10	ED770/2GPLUG	◑ Urban Grey - 2 gang
10	ED770/2GPLBL	● Black - 2 gang
10	ED770/2GPLMW	○ Matt White - 2 gang
10	ED770/2GPLMB	● Matt Black - 2 gang
10	ED770/3GPLWE	○ White - 3 gang
10	ED770/3GPLUG	◑ Urban Grey - 3 gang
10	ED770/3GPLBL	● Black - 3 gang
10	ED770/3GPLMW	○ Matt White - 3 gang
10	ED770/3GPLMB	● Matt Black - 3 gang
10	ED770/4GPLWE	○ White - 4 gang
10	ED770/4GPLUG	◑ Urban Grey - 4 gang
10	ED770/4GPLBL	● Black - 4 gang
10	ED770/4GPLMW	○ Matt White - 4 gang
10	ED770/4GPLMB	● Matt Black - 4 gang
10	ED770/5GPLWE	○ White - 5 gang
10	ED770/5GPLUG	◑ Urban Grey - 5 gang
10	ED770/5GPLBL	● Black - 5 gang
10	ED770/5GPLMW	○ Matt White - 5 gang
10	ED770/5GPLMB	● Matt Black - 5 gang
10	ED770/6GPLWE	○ White - 6 gang
10	ED770/6GPLUG	◑ Urban Grey - 6 gang
10	ED770/6GPLBL	● Black - 6 gang
10	ED770/6GPLMW	○ Matt White - 6 gang
10	ED770/6GPLMB	● Matt Black - 6 gang

Pack	Cat No.	Architrave Dedicated Plate Series grids and coverplates only
10	EDA770/1GPLWE	○ White - 1 gang
10	EDA770/1GPLUG	◑ Urban Grey - 1 gang
10	EDA770/1GPLBL	● Black - 1 gang
10	EDA770/2GPLWE	○ White - 2 gang
10	EDA770/2GPLUG	◑ Urban Grey - 2 gang
10	EDA770/2GPLBL	● Black - 2 gang
10	EDA770/3GPLWE	○ White - 3 gang
10	EDA770/3GPLUG	◑ Urban Grey - 3 gang
10	EDA770/3GPLBL	● Black - 3 gang
10	EDA770/4GPLWE	○ White - 4 gang
10	EDA770/4GPLUG	◑ Urban Grey - 4 gang
10	EDA770/4GPLBL	● Black - 4 gang

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

Hospitality 230-240V a.c.

Pack	Cat No.	
		Dedicated Plate Series mechanical keycard 85mmx54mm switch white 4 x 20A
10	ED20A/4KTWE	○ White
10	ED20A/4KTUG	◑ Urban Grey
10	ED20A/4KTBL	● Black
		Dedicated Plate Series electronic key fob switch with 30 second time delay
10	EDKFSWE	○ White
		Common and Dedicated Plate Series shaver outlet 230-240V a.c., 22VA
2	ED798BL	● Black

Red catalogue number: new product

Coverplates

EDCWPLWE

ED920PLWE

ED787PLMS

ED777PLWE

ED770/4PLBL

Dedicated Switches – Coverplate Only

Finish								
○ White	ED770/1PLWE	ED770/2PLWE	ED770/3PLWE	ED770/4PLWE	ED770/5PLWE	ED770/6PLWE	ED920PLWE	EDCWPLWE
◑ Urban Grey	ED770/1PLUG	ED770/2PLUG	ED770/3PLUG	ED770/4PLUG	ED770/5PLUG	ED770/6PLUG	ED920PLUG	EDCWPLUG
● Black	ED770/1PLBL	ED770/2PLBL	ED770/3PLBL	ED770/4PLBL	ED770/5PLBL	ED770/6PLBL	ED920PLBL	EDCWPLBL
◔ Matt Silver	ED770/1PLMS	ED770/2PLMS	ED770/3PLMS	ED770/4PLMS	ED770/5PLMS	ED770/6PLMS	ED920PLMS	EDCWPLMS

Dedicated Powerpoints – Coverplate Only

Finish								
○ White	ED787PLWE	ED777PLWE	ED777XPLWE	ED777APLWE	EDV787PLWE	EDV777PLWE	EDV777XPLWE	EDV777APLWE
◑ Urban Grey	ED787PLUG	ED777PLUG	ED777XPLUG		EDV787PLUG	EDV777PLUG	EDV777XPLUG	EDV777APLUG
● Black	ED787PLBL	ED777PLBL	ED777XPLBL		EDV787PLBL	EDV777PLBL	EDV777XPLBL	
◔ Matt Silver	ED787PLMS	ED777PLMS	ED777XPLMS		EDV787PLMS	EDV777PLMS	EDV777XPLMS	

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

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

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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   35

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
		Single powerpoint 10A
10	EC787WE	○ White
		Single powerpoint with extra function hole 10A
10	EC787XWE	○ White
		Single powerpoint with 2 extra function holes 10A
10	EC787/2XWE	○ White
		Single autoswitch powerpoint 10A
10	EC787AWE	○ White
		Single autoswitch round-earth powerpoint 10A
10	EC787ARWE	○ White
		Single double pole powerpoint 10A
10	EC787DPWE	○ White
		Single round-earth powerpoint 10A
10	EC787RWE	○ White
		Single powerpoint 15A
10	EC787/15WE	○ White
		Single powerpoint with extra function hole 15A
10	EC787/15XWE	○ White
		Single autoswitch powerpoint 15A
10	EC787A/15WE	○ White
		Single double pole powerpoint 15A
10	EC787/15DPWE	White ○
		Single powerpoint 20A
10	EC787/20WE	White ○

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

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

Pack	Cat No.	
		Rotary switch mechanisms 230-240V a.c., 16A
		All-in-one solution comes with 6 marking plate options and 180°, 270° and 360° rings
10	EMRSWE	○ White
10	EMRSUG	● Urban Grey
10	EMRSBL	● Black
		Keylock switch mechanisms 230-240V a.c., 20A
		Key removable in 'ON' only position fluoro rated 20AX
10	EM820KLIWE	○ White
10	EM820KLIUG	○ Urban Grey
		Key removable in 'OFF' only position fluoro rated 20AX
10	EM820KLOWE	○ White
10	EM820KLOUG	○ Urban Grey
		Key removable in 'OFF' or 'ON' position fluoro rated 20AX
10	EM820KLIOWE	○ White
10	EM820KLIOUG	○ 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
		Key removable in 'ON' only position fluoro rated 20AX
10	EM820BL1WE	○ White
		Key removable in 'OFF' only position fluoro rated 20AX
10	EM820BL0WE	○ White
		Key removable in 'OFF' or 'ON' position fluoro rated 20AX
10	EM820BL10WE	○ White
		*Key not supplied and must be sourced from approved BiLock™ locksmiths
		Mechanical keytag switches 230-240V a.c., 20A
		Single pole single throw
1	EM770/20KT	○ White
		Mechanical keycard assembly 4x single pole single throw
10	EM20A/4KTWE	○ 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.
		Single autoswitch powerpoint mechanism 10A
10	EM787AWE	○ White
10	EM787AUG	● Urban Grey
		Single powerpoint mechanism 10A
10	EM787WE	○ White
		Single round earth autoswitch powerpoint mechanism 10A
10	EM787ARWE	○ White
		Single autoswitch powerpoint mechanism 15A
10	EM787A/15WE	○ White
		Single unswitched powerpoint mech
10	EM787U/20WE	○ White 20A
10	EM787U/25WE	○ White 25A
		Powerpoint vertical mechanisms 230-240V a.c.
		Vertical single powerpoint mechanism 10A
10	EMV787WE	○ White
		Vertical single autoswitch powerpoint mech
10	EMV787AWE	○ White 10A
10	EMV787A/15WE	○ White 15A
		Common 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

EC914WE	ECKFSWE	EC918WE	EC924WE	EC798WE	EC919WE	EC510WE	EC520WE	ED571WE

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
		Common Plate Series shutter, blind, curtain control 230-240V a.c.
8	EC919WE	**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.	
		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
		Common Plate Series skirting lights 230-240V a.c.
6	EC510WE	**Permanent skirting light adjustable intensity 0.2 or 1W** ○ White
4	EC511WE	○ White
		Common Plate Series signalling lights 230-240V a.c.
6	EC520WE	○ 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

EMCCWE	EM910RPWE	ECFRAME	EA751	140WE

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
1	EAPWDSCREW	**Public Works Department mechanism retention kit** ○ 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

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
10	ECCWGPLWE	**Deep mounting block and coverplate Common Plate Series only** ○ White

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Installation brackets

EA143/3H

EA503/2W

Installation brackets and wall boxes

712

429R

Coverplates

EC770/0GPLWE

EC770/2GPLWE

ECCWGPLWE

ECCW4HPLWE

Mounting brackets
84mm spacing centres

Stud Bracket

Pack	Cat No.		
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

Pack	Cat No.		
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

Mounting brackets
84mm spacing centres

Plaster Bracket

Pack	Cat No.		
50	711		Plaster 6.5mm board bracket
50	712		Plaster 10mm board bracket

Wall Boxes

Plastic wall box

Pack	Cat No.		
10	429R		Recessed wall box with sliding nuts, retention clips and protective cover

Fire and acoustic wall box

Pack	Cat No.		
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

Dedicated Plate Series module grid and coverplate only

2 module grid and coverplate only
Suits 2 module insert 45x45mm

Pack	Cat No.		
10	ED920GPLWE		○ White
10	ED920GPLBL		● Black

Common Plate Series grids and coverplates only

Pack	Cat No.		
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

Pack	Cat No.		
10	ECCWGPLWE		○ White

Common Plate Series module grids and coverplates only

1 module grid and coverplate only
Suits 1 module insert 25x57mm

Pack	Cat No.		
10	EC910GPLWE		○ White

2 module grid and coverplate only
Suits 2 module insert 45x45mm

Pack	Cat No.		
10	EC920GPLWE		○ White - 6 gang

Common Plate Series – Coverplate Only

1 Gang coverplate

Pack	Cat No.		
10	ECCWPLWE		○ White

2 gang coverplate- horizontal

Pack	Cat No.		
10	ECCW2WPLWE		○ White

3 gang coverplate- horizontal

Pack	Cat No.		
10	ECCW3WPLWE		○ White

2 gang coverplate- vertical

Pack	Cat No.		
10	ECCW2HPLWE		○ White

3 gang coverplate- vertical

Pack	Cat No.		
10	ECCW3HPLWE		○ White

4 gang coverplate- vertical

Pack	Cat No.		
10	ECCW4HPLWE		○ White

Secure series

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

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.

Fan Controllers with Time Delay
Manage energy consumption with our fan controllers to keep costs under control.

SOLUTIONS FOR
MEDICAL

ADVANCED MEDICAL RANGE

The Excel Life Medical range features antimicrobial technology to help reduce the spread of bacteria in hospitals and other health care environments, leading to enhanced patient care. From colour-coded powerpoints, to power indicators and heavy-duty panels, Excel Life Medical gives you the power to fit-off every detail required for hospitals, laboratories, surgeries, clinics and more.

Electresafe
RCD Powerpoint 10mA.
See page 48

No Touch Switch
A simple wave will activate or deactivate
See page 45

EC777EL10CAWE

EC914WE

Colour-coded
Options for easy identification, uninterruptible supply, essential supply, cleaners purposes only
See page 46

EC777NCABU

EC777NCARD
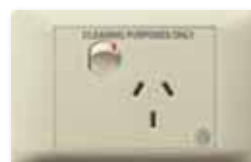
EC787CABE

THE ANTIMICROBIAL ADVANTAGE

The antimicrobial advantage in the Excel Life Medical range stems from the material construction based on silver ions - widely recognised as having antimicrobial properties that contribute to the reduction of undesired microorganisms.

The Excel Life Medical range has been tested by an independent TGA accredited laboratory to JIS Z 2801:2010 and proven to be an effective antibacterial agent.

The results demonstrated a kill rate against Escherichia coli and Staphylococcus aureus between 99.72% and 99.9999%. Look for products with the antimicrobial symbol.

Excel Life™ Switches

EC770/1CAWE EC770/4CAWE EC770/2HCAWE

Common plate switch 16AX 230-240V a.c.
Standard rocker switch mechanisms, 16AX fluoro rated, chemical resistant and antimicrobial

Pack	Cat No.	
		Vertical plates
10	EC770/1CAWE	1 gang switch 16AX ○ White
10	EC770/2CAWE	2 gang switch 16AX ○ White
10	EC770/3CAWE	3 gang switch 16AX ○ White
10	EC770/4CAWE	4 gang switch 16AX ○ White
		Horizontal plates
10	EC770/1HCAWE	1 gang switch 16AX ○ White
10	EC770/2HCAWE	2 gang switch 16AX ○ White
10	EC770/3HCAWE	3 gang switch 16AX ○ White
10	EC770/4HCAWE	4 gang switch 16AX ○ White
		No Touch Switch
6	EC914WE	No Touch switch, 4A 1 gang ○ White

Excel Life™ Grids & plates and switch mechanisms

EC770/1GPLCAWE EC770/2GPLCAWE EC770/3GPLCAWE EC770/4GPLCAWE

Common plate grid and plates
Chemical resistant and antimicrobial

Pack	Cat No.	
10	EC770/0GPLCAWE	Blank grid and coverplate only ○ White
10	EC770/1GPLCAWE	1 gang grid and coverplate only ○ White
10	EC770/2GPLCAWE	2 gang grid and coverplate only ○ White
10	EC770/3GPLCAWE	3 gang grid and coverplate only ○ White
10	EC770/4GPLCAWE	4 gang grid and coverplate only ○ White
10	EC770/5GPLCAWE	5 gang grid and coverplate only ○ White
10	EC770/6GPLCAWE	6 gang grid and coverplate only ○ White

Switch mechanisms 16AX 230-240V a.c.
Single pole double throw chemical resistant and antimicrobial

| 10 | EM770CAWE | ○ White |
| 10 | EM770CARED | ● Red |

In medical applications socket-outlets colour coding requirements are as follows:

- ○ Normal Supply – White (WE)
- ● Essential Supply – Red (RED)
- ● Uninterruptible Supply (UPS) – Dark blue (BU)
- ○ Cleaners Sockets – Beige (BE)

Catalogue Number Decoder

EC777NIDCAWE

- Colour: WE: White, RD: RED, BU: Blue, BE: Beige
- CA: Chemical Resistant – Antimicrobial
- ID: Circuit Identification
- N: NEON/LED – Power available indicator
- Excel Life – Product Type

Excel Life™ Powerpoints

Excel Life™ Vertical powerpoints and USB chargers

Excel Life™ 15A Powerpoints

Excel Life™ 'Cleaners' powerpoints

EC777NCAWE EC777NIDCABU EC787NCAWE

ECV777NCAWE ECV787NCAWE ECV787NCARD

EC787/15NCAWE ECV787/15NCAWE

EC777CABE EC787CABE

Excel Life™ Powerpoints

Common plate powerpoints 10A 230-240V a.c.

Internal safety shutters, chemical resistant and antimicrobial with power available LED engraved 'RCD Protected'

Double powerpoint

Pack	Cat No.	
10	EC777NCAWE	○ White
10	EC777NCABU	● Blue
10	EC777NCARD	● Red

Double powerpoint with circuit ID

Pack	Cat No.	
10	EC777NIDCAWE	○ White
10	EC777NIDCABU	● Blue
10	EC777NIDCARD	● Red

Single powerpoint

Pack	Cat No.	
10	EC787NCAWE	○ White
10	EC787NCABU	● Blue
10	EC787NCARD	● Red

Single powerpoint with circuit ID

Pack	Cat No.	
10	EC787NIDCAWE	○ White
10	EC787NIDCABU	● Blue
10	EC787NIDCARD	● Red

Excel Life™ Vertical powerpoints and USB chargers

Common plate vertical powerpoints 10A 230-240V a.c.

Internal safety shutters, chemical resistant and antimicrobial with power available LED engraved 'RCD Protected'

Double vertical powerpoint

Pack	Cat No.	
10	ECV777NCAWE	○ White
10	ECV777NCABU	● Blue
10	ECV777NCARD	● Red

Single vertical powerpoint

Pack	Cat No.	
10	ECV787CAWE / ECV787NCAWE	○ White / ○ White - with neon indicator
10	ECV787CABU / ECV787NCABU	● Blue / ● Blue - with neon indicator
10	ECV787CARD / ECV787NCARD	● Red / ● Red - with neon indicator

Single vertical powerpoint with circuit ID

Pack	Cat No.	
10	ECV787NIDCAWE	○ White
10	ECV787NIDCABU	● Blue
10	ECV787NIDCARD	● Red

USB chargers 230-240V a.c.

All USB chargers are white

Pack	Cat No.	
12	EMUSBN2CWE	Dual USB charger mechanism Dual 3A Dual Type C
12	EMUSBN2ACWE	Dual USB charger mechanism 3A Type A and C
1	EMUSB1CWE	USB charger mechanism, Type C, 60W (single port)

Excel Life™ 15A Powerpoints

Common plate single powerpoints 15A 230-240V a.c.

Internal safety shutters, chemical resistant and antimicrobial with power available LED engraved 'RCD Protected'

Single powerpoint

Pack	Cat No.	
10	EC787/15NCAWE	○ White
10	EC787/15NCABU	● Blue
10	EC787/15NCARD	● Red

Single vertical powerpoint

Pack	Cat No.	
10	ECV787/15NCAWE	○ White
10	ECV787/15NCABU	● Blue
10	ECV787/15NCARD	● Red

Excel Life™ 'Cleaners' powerpoints

Common plate 'cleaners' powerpoints 10A 230-240V a.c.

Internal safety shutters, chemical resistant and antimicrobial, engraved 'CLEANING PURPOSES ONLY'

Double powerpoint

Pack	Cat No.	
10	EC777CABE	● Beige

Double powerpoint with circuit ID

Pack	Cat No.	
10	EC777IDCABE	● Beige

Single powerpoint 10A

Pack	Cat No.	
10	EC787CABE	● Beige

Single powerpoint 15A

Pack	Cat No.	
10	EC787/15CABE	● Beige

Single powerpoint with circuit ID

Pack	Cat No.	
10	EC787IDCABE	● Beige

10mA double electresafe RCD powerpoint

Pack	Cat No.	
10	EC777EL10CABE	● Beige

10mA double electresafe RCD powerpoint with circuit ID

Pack	Cat No.	
10	EC777EL10IDCABE	● Beige

In medical applications socket-outlets colour coding requirements are as follows:

○	Normal Supply – White (WE)
●	Essential Supply – Red (RED)
●	Uninterruptible Supply (UPS) – Dark blue (BU)
●	Cleaners Sockets – Beige (BE)

Red catalogue number: new product

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Excel Life™ Electresafe RCD powerpoints

Excel Life™ Powerpoints

Excel Life™ Electresafe RCD plates and RCD alarm

Excel Life™ Skirting lights, panel mount adapters and inserts and illumination kits

EC777EL10CAWE   EC777EL10IDCAWE

EC777CAWE   EC777XCAWE   ECV777CAWE

ECEL10N2IDCAWE   ECEL10HN2IDCAWE   ECBPASIGN

EC510WE

Excel Life™ Electresafe RCD powerpoints

Pack	Cat No.	
		Common plate electresafe RCD powerpoints 10A 230-240V a.c.
		Internal safety shutters, chemical resistant and antimicrobial with power available LED and power supplied LED
		10mA double electresafe RCD powerpoint
2	EC777EL10CAWE	○ White
2	EC777EL10CABU	● Blue
2	EC777EL10CARD	● Red
		10mA double electresafe RCD powerpoint with circuit ID
2	EC777EL10IDCAWE	○ White
2	EC777EL10IDCABU	● Blue
2	EC777EL10IDCARD	● Red
		30mA double electresafe RCD powerpoint
2	EC777EL30CAWE	○ White

In medical applications socket-outlets colour coding requirements are as follows:

○ Normal Supply – White (WE)
● Essential Supply – Red (RED)
● Uninterruptible Supply (UPS) – Dark blue (BU)
○ Cleaners Sockets – Beige (BE)

Excel Life™ Powerpoints

Pack	Cat No.	
		Common plate powerpoints 10A 230-240V a.c.
		Internal safety shutters, chemical resistant and antimicrobial, engraved 'RCD Protected'
		Horizontal powerpoints
10	EC777CAWE	Double powerpoint ○ White
10	EC777CABU	Double powerpoint ● Blue
10	EC777CARD	Double powerpoint ● Red
10	EC777XCAWE	Double powerpoint with extra function mechanism hole ○ White
10	EC777XCABU	Double powerpoint with extra function mechanism hole ● Blue
10	EC777XCARD	Double powerpoint with extra function mechanism hole ● Red
10	EC787CAWE	Single powerpoint ○ White
10	EC787XCAWE	Single powerpoint with extra function mechanism hole ○ White
		Vertical powerpoints
10	ECV777CAWE	Double vertical powerpoint ○ White
10	ECV777XCAWE	Double vertical powerpoint with extra function mechanism hole ○ White
10	ECV787CAWE	Single Vertical powerpoint ○ White
10	ECV787XCAWE	Single Vertical powerpoint with extra function mechanism hole ○ White

Excel Life™ Electresafe RCD plates and RCD alarm

Pack	Cat No.	
		Common plate electresafe RCD vertical plate 20A 230-240V a.c.
		Chemical resistant and antimicrobial with power available LED
		10mA electresafe RCD plate
2	ECEL10N2CAWE	○ White
2	ECEL10N2CABU	● Blue
2	ECEL10N2CARD	● Red
		10mA electresafe RCD plate with circuit ID
2	ECEL10N2IDCAWE	○ White
2	ECEL10N2IDCABU	● Blue
2	ECEL10N2IDCARD	● Red
		Common plate electresafe RCD horizontal plate 20A 230-240V a.c.
		Chemical resistant and antimicrobial with power available LED
		10mA electresafe RCD plate with circuit ID
2	ECEL10HN2IDCAWE	○ White
2	ECEL10HN2IDCABU	● Blue
2	ECEL10HN2IDCARD	● Red
		Audio/Visual alarm for RCD
		Configurable RCD alarm with visual indicators and audible sound (mute button available)
2	ECVAVALWE	○ White
2	ECVAVALBU	● Blue
2	ECVAVALRD	● Red
		Audio/Visual alarm for UPS
		Configurable UPS alarm and monitor 12V d.c.
2	ECUPSALCABU	● Blue
2	ECUPSALCARD	● Red
		Area classification signs
2	ECCPASIGN	Cardiac protected area sign
2	ECBPASIGN	Body protected area sign

Excel Life™ Skirting lights, panel mount adapters and inserts and illumination kits

Pack	Cat No.	
		Skirting lights 230-240V a.c.
		Skirting lights
		Suitable for passage areas or installation with obstacles
1	EC510WE	Permanent skirting LED light, 0.2 or 1W max ○ White
		Skirting light with motion detector
		The LED lights are activated when the PIR sensor detects movement.
1	EC511WE	Skirting LED light with PIR sensor 1.3W max ○ White
		Panel mount adaptors and inserts
		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
		Panel mount adaptors
10	EA910PMAWE	Panel mount adaptors - 1 module ○ White
10	EA920PMAWE	Panel mount adaptors - 2 module ○ White
		Inserts
10	EA910/0WE	Blank insert - 1 module ○ White
10	EA910/1WE	1 gang insert - 1 module ○ White
10	EA910/2WE	2 gang insert - 1 module ○ White
		Illumination kits 230-240V a.c.
10	EMPAPS2WE	Power available (Amber) and 2 power supplied (Red) indicators kit ○ White
10	EMPAWE	Power available indicator kit (Amber) ○ White
10	EMPS1WE	Power supplied to 1 outlet indicator kit (Red) ○ White
10	EMPS2WE	Power supplied to 2 outlets indicators kit (Red) ○ White

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Excel Life™ Coverplates and accessories

Excel Life™ Accessories and brackets

Excel Life™ Wall Boxes

Excel Life™ Equipotential devices and gas plates

ECCW4HPLWE   EMCCWE   EM910RPWE   EA503/2W   EA143/3H   EA751   EAEPNODE   EAEPJUNCTION

Common plate coverplates

Pack	Cat No.	
		Coverplates chemical resistant and antimicrobial
10	ECCWPLCAWE	1 gang coverplate ○ White
10	ECCW2HPLWE	2 gang coverplate ○ White
10	ECCW3HPLWE	3 gang coverplate ○ White
10	ECCW3HPLBU	3 gang coverplate ● Blue
10	ECCW3HPLRD	3 gang coverplate ● Red
10	ECCW4HPLWE	4 gang coverplate ○ White
10	ECCW2WPLWE	2 gang horizontal coverplate ○ White
10	ECCW3WPLWE	3 gang horizontal coverplate ○ White

Accessories

Pack	Cat No.	
10	EMCCWE	Cord retention clamp
10	EMCLIDWE	Blank insert with clear cap Used for circuit ID
10	EMIDWE	Blank module
10	EM910RPWE	Plug and cable retainer to be used in conjunction with EC910GPLWE or ECFRAME

Circuit Identification labels 10 sheets (96 labels per sheet)

Pack	Cat No.	
10	EACIDLABELWE	○ White
10	EACIDLABELBU	● Blue
10	EACIDLABELRED	● Red
10	EACIDLABELYE	● Yellow

Plasterboard metal brackets for ECCW series plastic coverplates

Pack	Cat No.	
10	ECCW2HBRKT	For ECCW2HPLWE plates
10	ECCW3HBRKT	For ECCW3HPLWE plates
10	ECCW4HBRKT	For ECCW4HPLWE plates
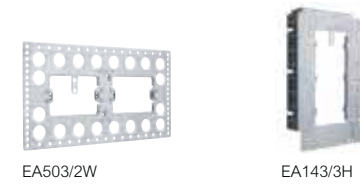
Accessories (continued)

Pack	Cat No.	
		Plaster brackets – 84mm Fixing Centre
50	712	Plaster 10m board bracket
		Render brackets
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
		Stud brackets
20	143	Stud bracket
20	143/2	Stud bracket horizontal w/nails
20	143/2V	Stud bracket vertical w/nails
10	143U	Stud bracket vertical or horizontal w/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

Standard recessed wall boxes

Modular system with adjustable height insert. Provided with earth wires. Boxes can be joined horizontally or vertically. To be equipped with coverplates. (See dimensions on page 63.)

Pack	Cat No.	
		Steel wall boxes
1	EABOX170	1 Gang recessed 1 module box
1	EABOX270	2 Gang recessed 2 module box 70mm spacing
1	EABOX370	3 Gang recessed 3 module box 70mm spacing
1	EABOX470	4 Gang recessed 4 module box 70mm spacing
1	EABOX570	5 Gang recessed 5 module box 70mm spacing
1	EABOX2100	2 Gang recessed 3 module box 100mm spacing (gas only)
1	EABOX3100	3 Gang recessed 4 module box 100mm spacing (gas only)
		Standard wall box
10	429R	Recessed plastic wall box with sliding nuts, retention clips and protective cover size 97 x 60 x 45mm
10	EA751	Protective shroud for panel mount

Equipotential devices

Pack	Cat No.	
		Earth stud plates
1	ECEES/1GCAWE	1 Gang equipotential earth stud ○ White
1	ECEES/2GCAWE	2 Gang equipotential earth stud ○ White
		Equipotential boxes
1	EAEPNODE	Equipotential node kit supplied with stainless steel face plate and earth stud
1	EAEPJUNCTION	Equipotential junction kit supplied with stainless steel face plate
		Gas plates Chemical resistant and antimicrobial
1	ECGAS1GPLCAWE	Gas outlet plate ○ White
1	ECGAS2GPLCAWE	Gas outlet plate with scavenge ○ White

Red catalogue number: new product

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Excel Life™ Stainless steel coverplates

EA3470PLSS

Medical Service Panels coverplates

Stainless steel coverplates to suit recessed wall boxes. Dimensions on page 53

Stainless steel coverplates

Pack	Cat No.		
1	EA170PLSS		Stainless steel 1 gang coverplate 140mm x 190mm
1	EA270PLSS		Stainless steel 2 gang coverplate 70mm spacing 190mm x 190mm
1	EA370PLSS		Stainless steel 3 gang coverplate 70mm spacing 265mm x 190mm
1	EA470PLSS		Stainless steel 4 gang coverplate 70mm spacing 340mm x 190mm
1	EA570PLSS		Stainless steel 5 gang coverplate 415mm x190mm
1	EA2270PLSS		Stainless steel 2+2 gang coverplate 70mm spacing 340mm x 190mm
1	EA2370PLSS		Stainless steel 2+3 gang coverplate 70mm spacing 415mm x 190mm
1	EA3370PLSS		Stainless steel 3+3 gang coverplate 70mm spacing 490mm x 190mm
1	EA3470PLSS		Stainless steel 3+4 gang coverplate 70mm spacing 565mm x 190mm

EA3470CPLSS

Medical Service Panels coverplates

Stainless steel coverplates to suit recessed wall boxes. Dimensions on page 53

Stainless steel coverplates with curved edges

Pack	Cat No.		
1	EA170CPLSS		Stainless steel 1 gang coverplate curved edges 140mm x190mm
1	EA270CPLSS		Stainless steel 2 gang coverplate curved edges 70mm spacing 188mm x188mm
1	EA370CPLSS		Stainless steel 3 gang coverplate curved edges 70mm spacing 263mm x188mm
1	EA470CPLSS		Stainless steel 4 gang coverplate curved edges 70mm spacing 338mm x188mm
1	EA570CPLSS		Stainless steel 5 gang coverplate 415mm x190mm
1	EA2270CPLSS		Stainless steel 2+2 gang coverplate curved edges 70mm spacing 340mm x190mm
1	EA2370CPLSS		Stainless steel 2+3 gang coverplate curved edges 70mm spacing 415mm x190mm
1	EA3370CPLSS		Stainless steel 3+3 gang coverplate curved edges 70mm spacing 490mm x190mm
1	EA3470CPLSS		Stainless steel 3+4 gang coverplate curved edges 70mm spacing 565mm x190mm

Stainless steel gas coverplates

Pack	Cat No.		
1	EA2100PLSS		Stainless steel 2 gang gas coverplate 100mm spacing 265mm x 190mm
1	EA3100PLSS		Stainless steel 3 gang gas coverplate 100mm spacing 340mm x 190mm

Red catalogue number: new product

Excel Life™ Wall boxes and coverplates

Standard Wall Box Dimensions

100 — EABOX170
150 — EABOX270
225 — EABOX370
300 — EABOX470
375 / 150 — EABOX570

BOX DEPTH = 65mm (EXCLUDING HEIGHT ADJUSTMENT OF BASE)

150 — EABOX2100
EABOX3100
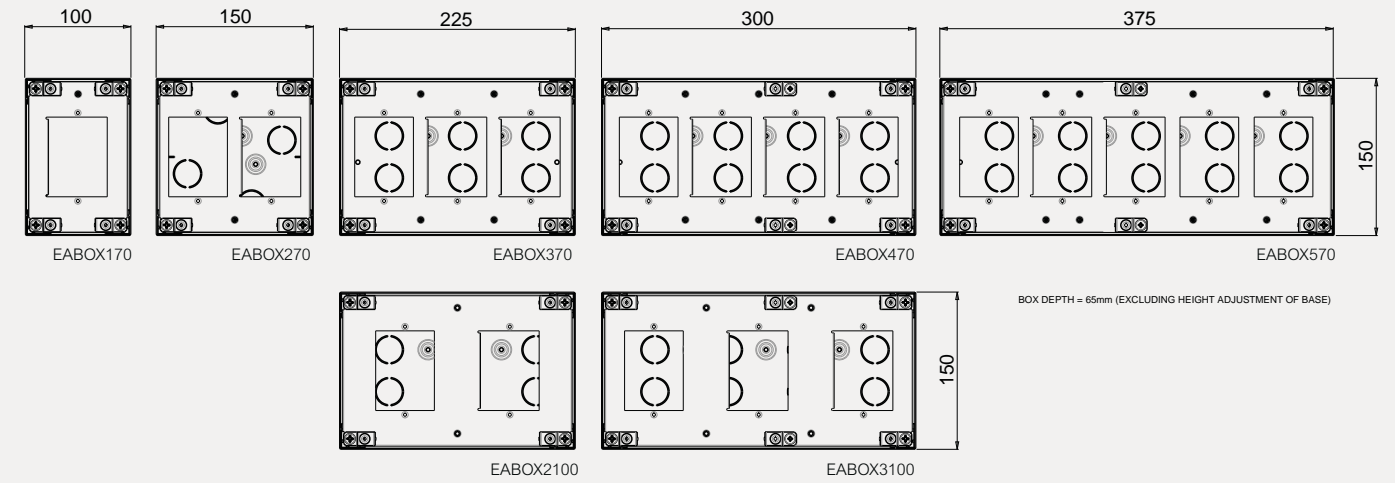
Standard Stainless Steel Coverplate Dimensions

140 / 52 / 190 / 130 — EA170PLSS / EA170CPLSS

190 / 102 / 70 — EA270PLSS / EA270CPLSS

265 / 177 / 70 — EA370PLSS / EA370CPLSS

340 / 252 / 70 — EA470PLSS / EA470CPLSS

140 / 280 / 415 — EA570PLSS / EA570CPLSS

190 / 130 / 100 — EA2100PLSS

190 / 130 / 100 — EA3100PLSS

490 / 177 / 85 / 48 / 70 / 190 / 130 — EA3370PLSS / EA3370CPLSS

415 / 102 / 83 / 48 / 177 / 70 / 190 / 130 — EA2370PLSS / EA2370CPLSS

70 / 88 / 252 / 565 / 190 / 130 — EA3470PLSS / EA3470CPLSS
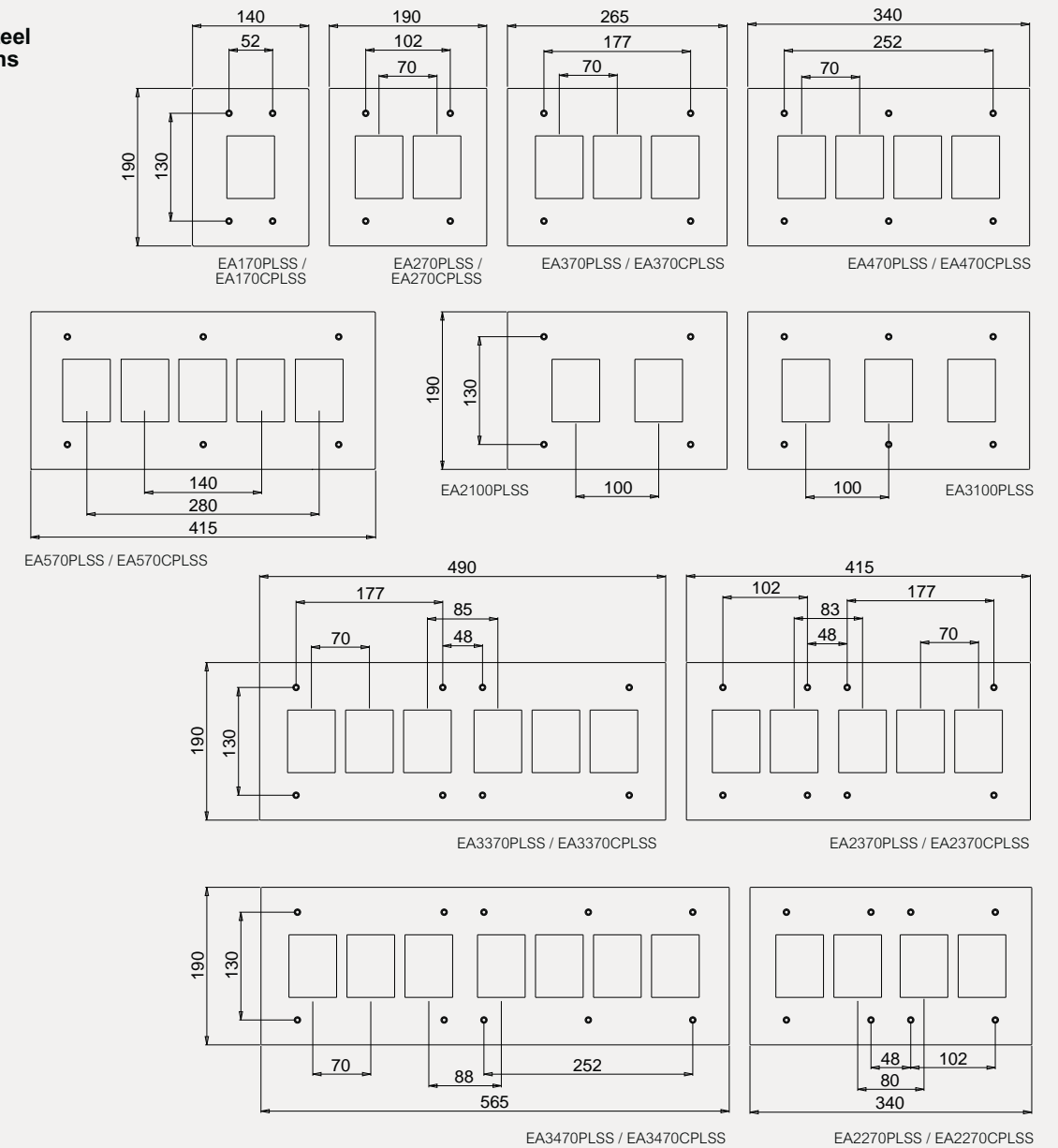
48 / 102 / 80 / 340 — EA2270PLSS / EA2270CPLSS

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

**EM770
EM770/20
EM770RD
EM770/20RD**

MULTIWAY SWITCHING 2 SWITCHES
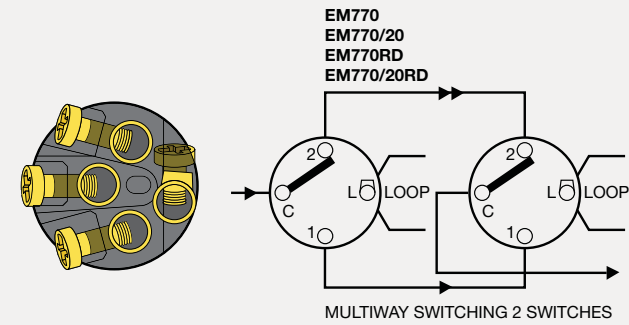
1 Way (SPST) EM770 Series 240V a.c.

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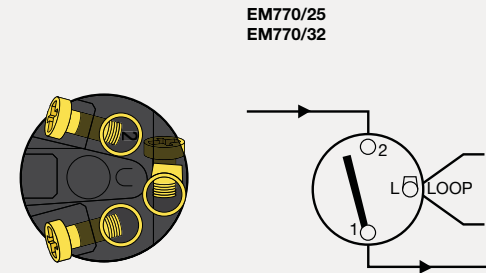
**EM770/25
EM770/32**

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

**EM770DP
EM770/20DP
EM770DPRD**
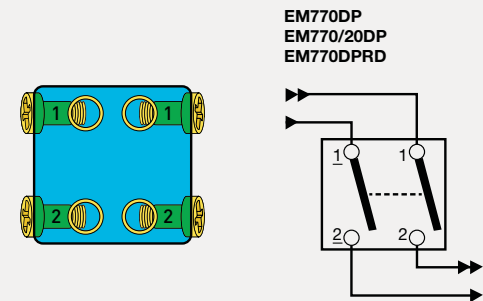
Duo Series 2 x 1 Way (2 x SPST) 240V a.c.

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

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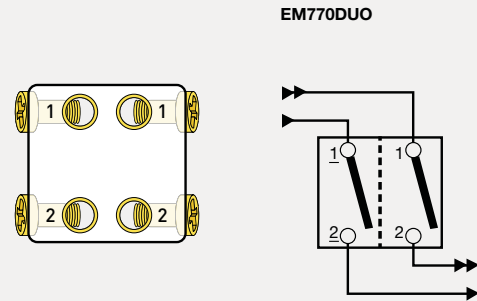
Intermediate (DPXT - Crossover) EM770I Series 240V a.c.

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

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
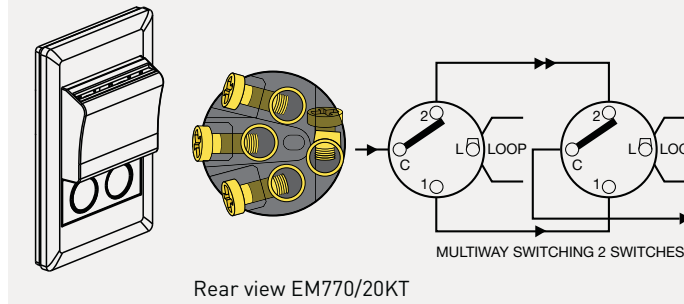
Push-Buttons 1 & 2 Way (SPDT) - Non latching EM770X Series 240V a.c.

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

MULTIWAY SWITCHING 2 SWITCHES

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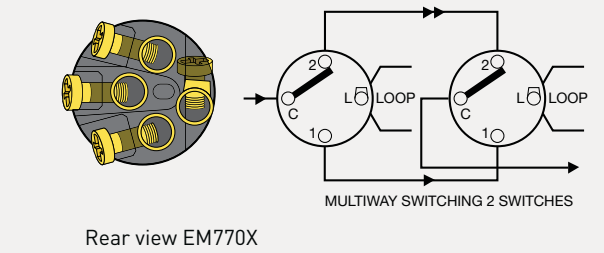
Keylock Switch Assembly - 1 & 2 Way (SPDT) 770 Series 240V a.c.

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
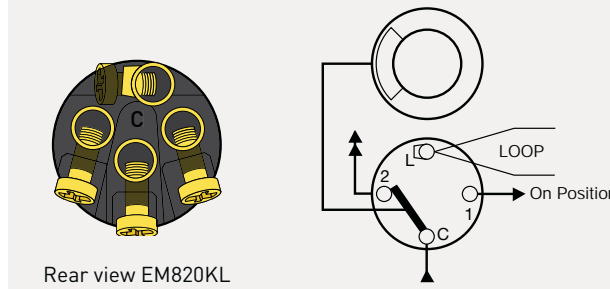
Colour code (Position in which key can be removed).
WHITE – OFF (O)
GREY   – ON (I)
BEIGE – ON (I) and OFF (O)

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

LOAD
ACTIVE
REMOTE (optional)
NEUTRAL

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

EM883
LOAD
ACTIVE
NEUTRAL
REMOTE

ACTIVE
LOAD
NEUTRAL

EM800SLAVE
ACTIVE
REMOTE
LOOP

EM800SLAVE

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 2.5mm² 2 x 1.5mm²								
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
+50°C / +0°C 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 25°C, the dimmer must be de-rated by 10% for every increase of 5°C.

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
+50°C / +0°C 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
+50°C / +0°C 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
ACTIVE
LOOP
LOAD

ACTIVE

MOMENTARY PUSH SWITCH

LOAD   NEUTRAL

■ Connect optional Momentary Push Switches (EM770X) to enable switching from multiple locations.
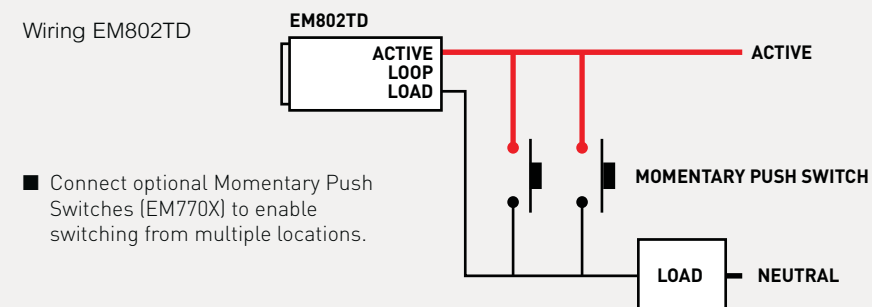
Important:
An unlimited number of EM770XWE can be connected to an EM802TD. However, the total length of the load wire used to interconnect all of the EM770XWE should not exceed 50 metres.

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 - EM250TR/EM400TR/EM700TR
Technical characteristics

230-240V a.c. 50Hz	1 x 2.5mm² 2 x 1.5mm²	Incandescent	Halogen	Fluorescent tube	Wirewound transformer	Electronic transformer	Compact fluorescent	LED	Fan motor
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
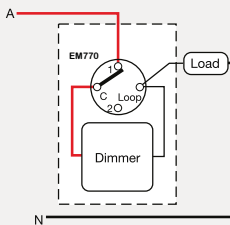
Two-way wiring diagram
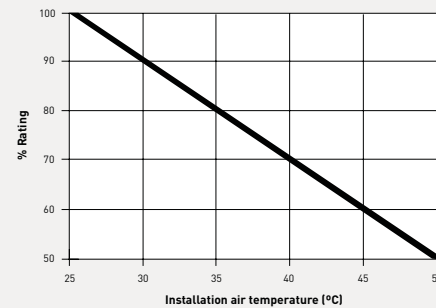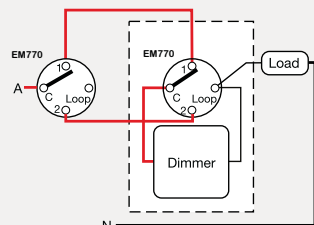
Important:
When used in ambient temperatures greater than 25°C, the dimmer must be de-rated according to the following chart.

Rotary switch - EMRSWE/UG/BL

Installation

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
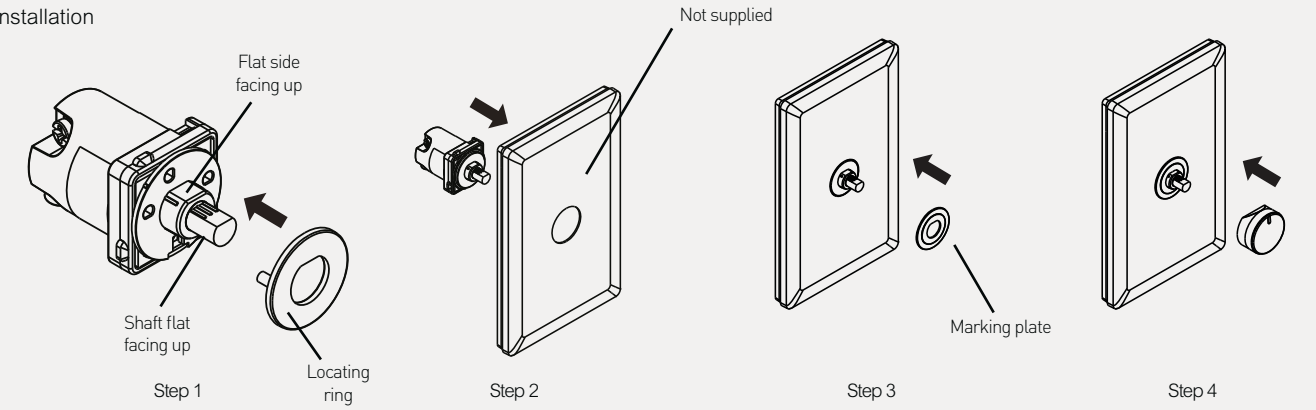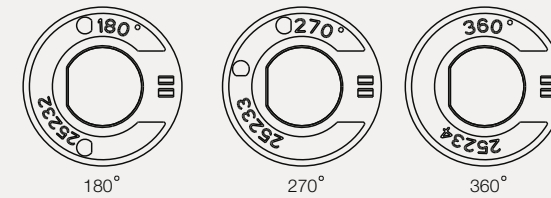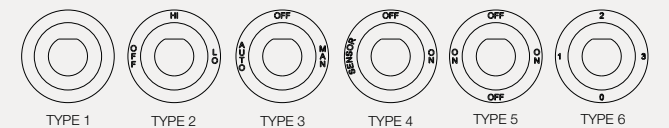
Wiring for 360° rotation

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
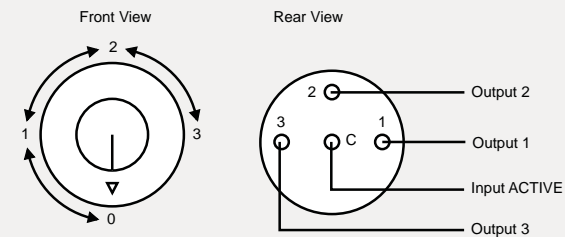
SELECT ONE OF THE FOLLOWING WIRING OPTIONS:

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

Wiring for 180° rotation
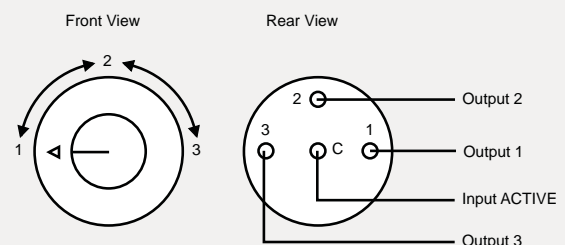
SELECT ONE OF THE FOLLOWING WIRING OPTIONS:

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

Click

Wiring

LED on when "OFF" (Low Impedance Load)

LED on when "ON"

LED on "ALWAYS"

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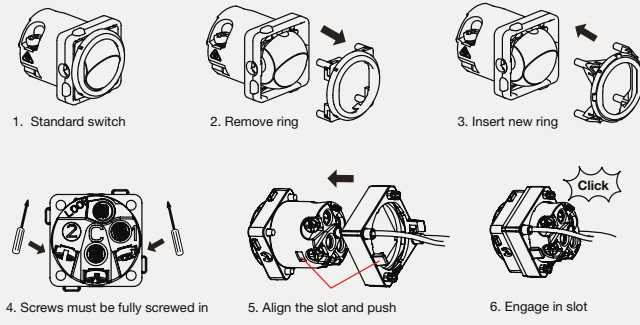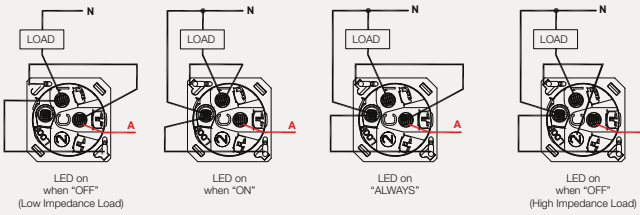
Note: Low Impedance Load examples include incandescent, halogen, resistive loads High Impedance Load examples include CFL's, LED globes

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

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

LED power supplied/power available indicator kits
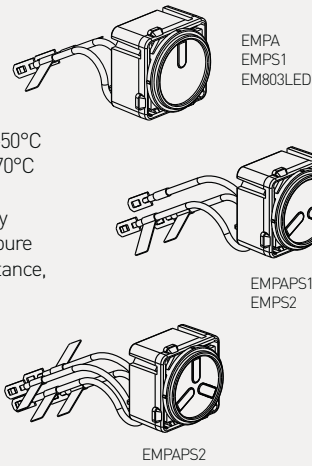
Wiring

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
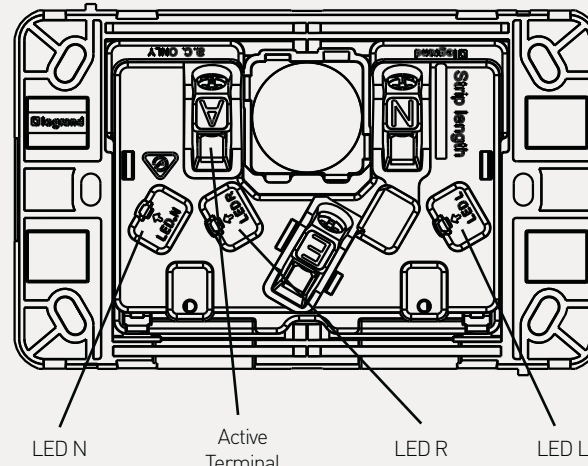
Example:
EMPAPS2
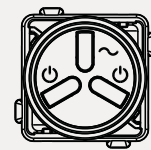
'~' = Power available (Amber)
'⏻' = Power supplied (Red)

Shutter, blind, curtain control

Wiring

Push-button switch (Cat No EC919WE)

Control Box

6 A – 230-240V a.c. 50/60 Hz

Push-button switch (Cat No EC920WE)

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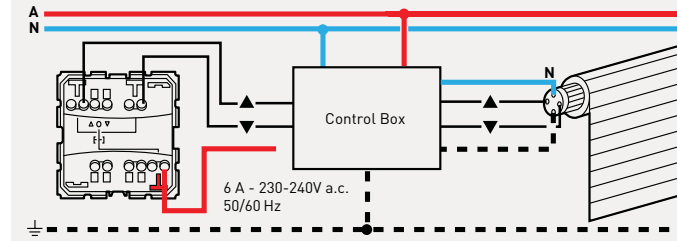
Plates and cut-out dimensions
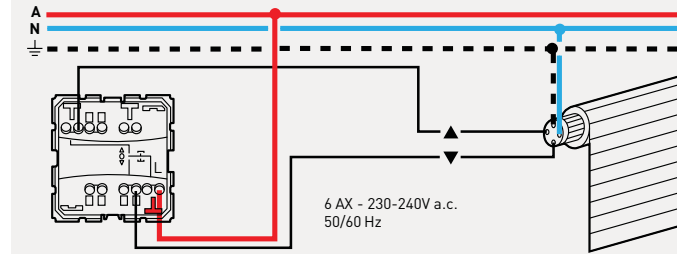
Dedicated plate series dimensions

121mm
77mm
10mm

Maximum cut-out dimensions

96mm
56mm
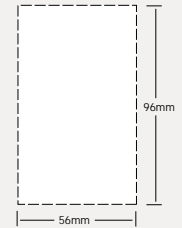
Common plate series dimensions

118mm
74mm
10mm

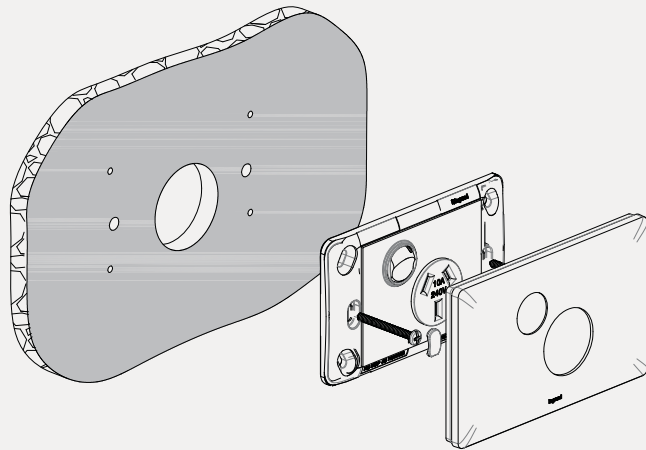### Maximum cut-out dimensions

96mm
56mm
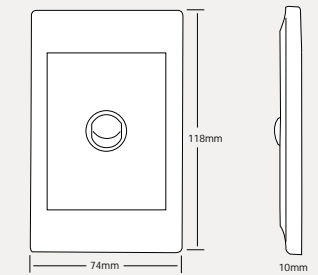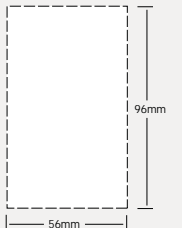
Hard Surfaces Installations
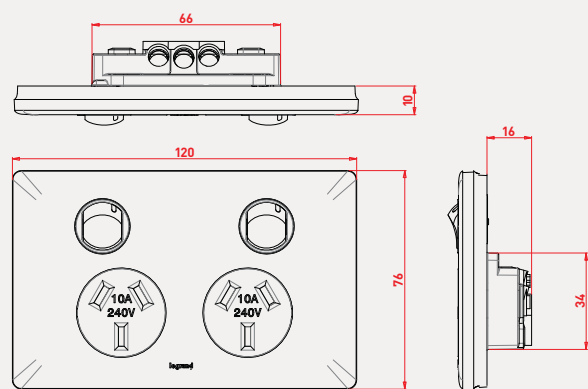## Double powerpoint 10A

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

32.00

Ø40.00

4 optional
mounting holes

89.00

84.00 (STD MOUNTING HOLES)

47.00

6.00

4.00

Ø40.00

4 optional
mounting holes

CUT-OUT for TIMBER (with Ø40 hole saw)

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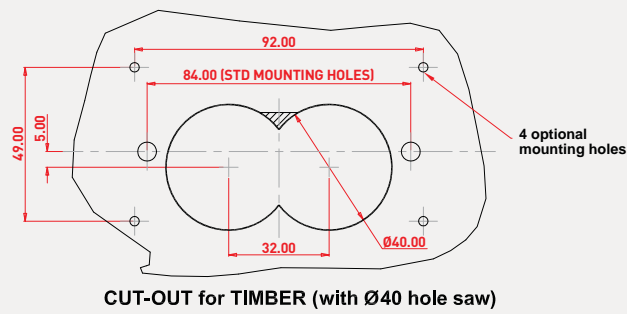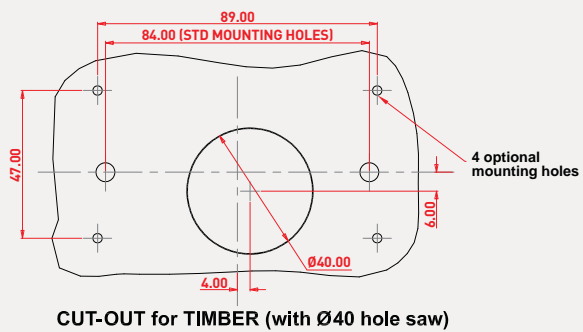
Product dimensions

Product dimensions

66

10

16

120

76

10A
240V

10A
240V

38

10

17

120

76

32

34

10A
240V
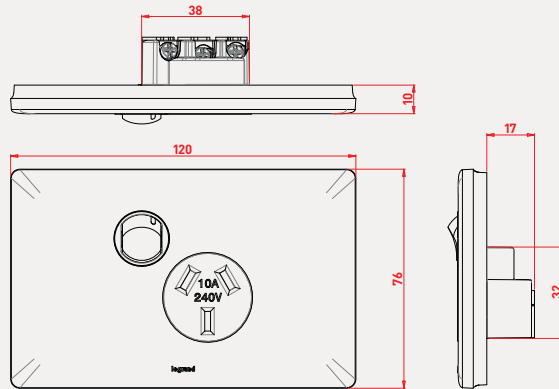
Note:
Cut-out dimensions for other devices are 96mm x 56mm

Range	Excel Life™	
Cat. No.	EMUSBN2ACWE EMUSBN2ACUG EMUSBN2ACBL	EMUSBN2CWE EMUSBN2CUG EMUSBN2CBL
Picture		
Product Compatibility (Series)	ED777X, ED770/1, ED770/2, ED770/3 EC777X, EC770/1,EC770/2, EC770/3	
	Not compatible with 4-6 gang arrangements	
Wall Recess Depth	50 mm min.	
Output	5 V d.c. 3 A	
Input	230 - 240 V a.c. 50 Hz	
Mains Connections	Via 'A' and 'N' wires	
Standby Power Consumption	75 mW	
Overload Protection on Output	3.1 A	

Installation in powerpoint

1. Push USB mechanism into extra
function hole.

Check the orientation of
USB mechanism as
shown in diagram.

CLICK

2. Connect wires with corresponding mains cables in
the 'A' and 'N' terminals of double GPO.

A

N

E

230-240 V ~ 50 Hz
Efficiency level
USB: 5.0 V — 3A
Max. 0.16A
Total:15W   IP20

Note: All dimensions are in mm.
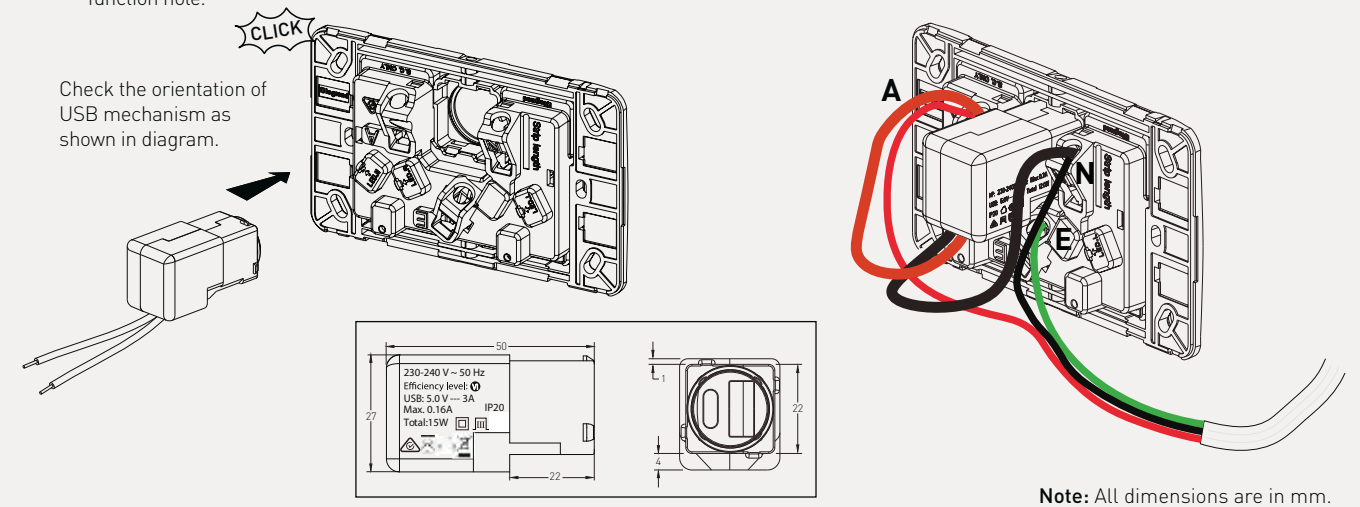
Installation in switch plates

1. Push USB mechanism into
wall plate cut-out.

WIRING OF USB DRIVER
TO MAINS WIRING WITH 401
CONNECTOR (REQ.NEUTRAL)

Insulated
connectors
401

N   A

Mains Cable

2(a). Configuration with USB mechanism
on the wall plate:Connect USB
module wires to the mains cable via
insulated connectors (401 series - not provided)
as per diagram.
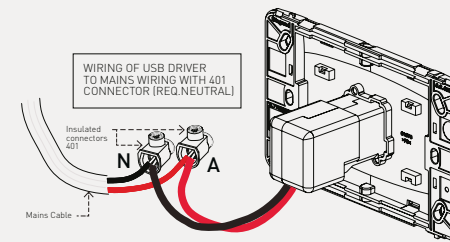
2(b). Configuration with USB and switch
mechanism on the wall plate:
Connect USB wires to switch mechanism
as per below.
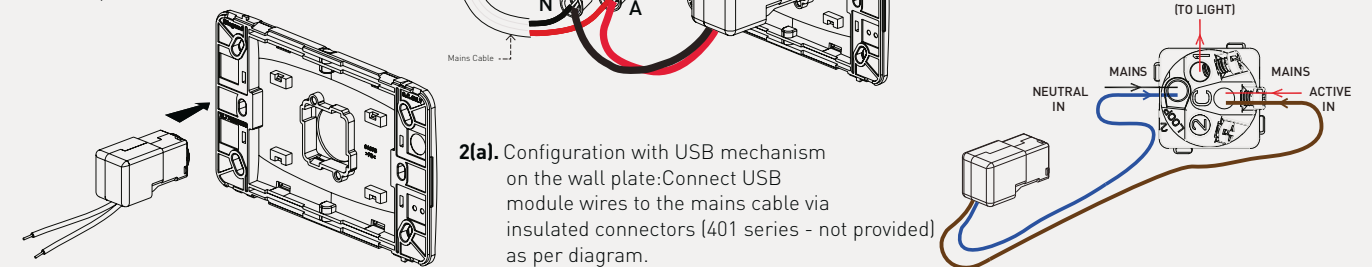
ACTIVE - OUT
(TO LIGHT)

NEUTRAL
IN

ACTIVE
IN

MAINS   MAINS

Legrand ®

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