

EXCEL  
*life*

WHERE SMART MEETS STYLE

WIRING  
DEVICES FOR  
RESIDENTIAL,  
COMMERCIAL,  
AND MEDICAL  
APPLICATIONS



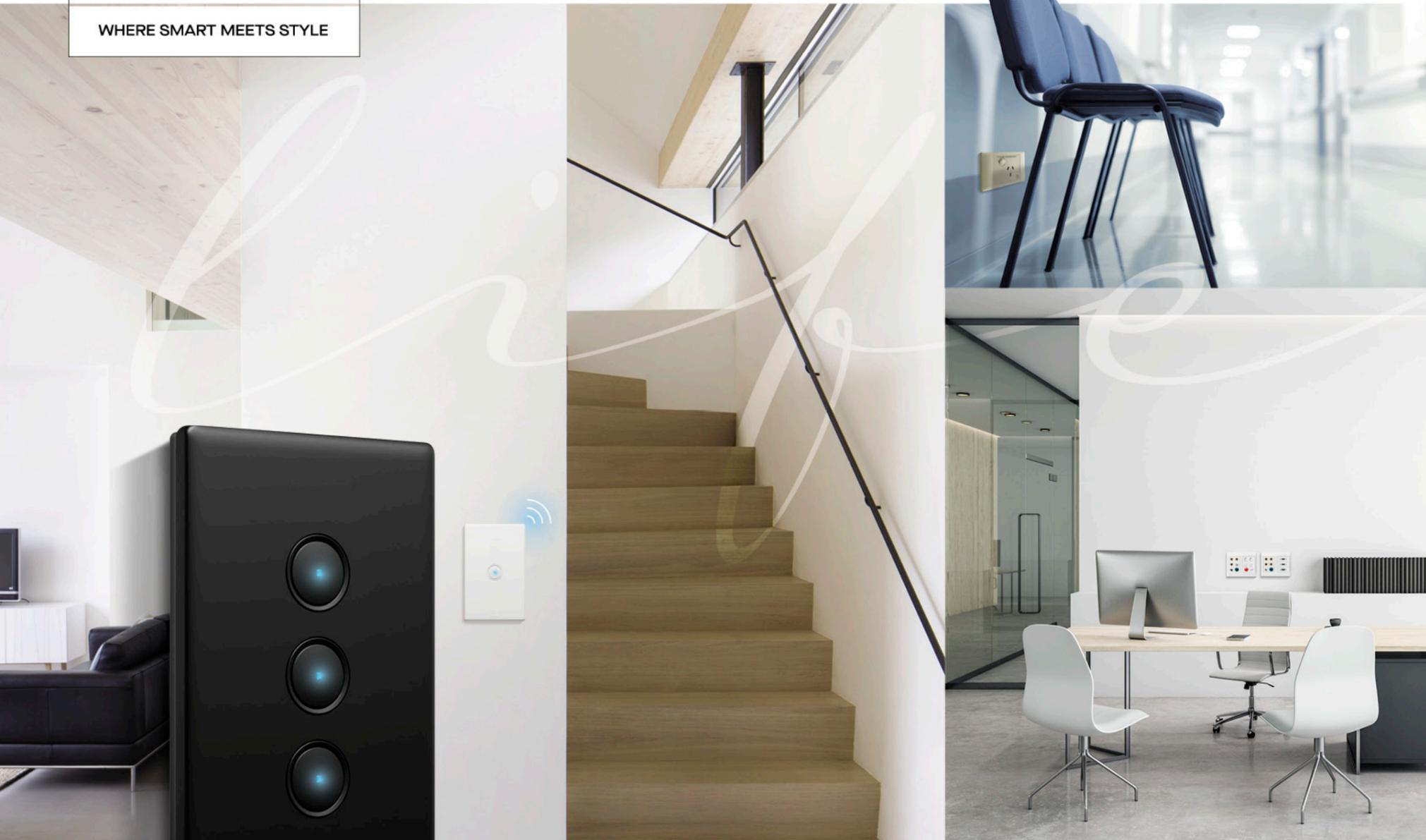
CATALOGUE  
PAGES  
INSIDE  
→

THE GLOBAL SPECIALIST  
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**<sup>®</sup>

# 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

- Make It Smart **4**
- Where Design Meets Style **6**
- Solutions For Commercial **8**
- Fast & Safe Powerpoints To Install **10**
- Large Selection Of Switches **12**
- Innovative Charging Solutions **14**
- Catalogue Pages Excel Life Smart Range **16**
- Catalogue Pages Excel Life Dedicated Range **20**
- Catalogue Pages Excel Life Common Range **34**
- Catalogue Pages Excel Life Secure Series **42**
- Solutions For Medical **44**
- Catalogue Pages Excel Life Medical Range **45**
- Technical Data Sheets **53**



# MAKE IT SMART

## SIMPLIFY DAILY LIFE



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!**

ENERGY MANAGEMENT

### EASY TO INSTALL



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

INTEGRATED SMART  
TECHNOLOGY

### FUTURE-PROOF TECHNOLOGY

COMPATIBLE  
WITH ALL DIGITAL  
ASSISTANTS



### DATA SAFETY



LEGRAND OWNED CLOUD



HIGH-LEVEL  
ENCRYPTION

"RELOCATE ME  
ANYWHERE"



2 GANG SWITCH  
EWN770/2WE



SINGLE GPO  
EWN787MB



WIRELESS SWITCH  
EWNWSW1MW

EXCEL  
*life*

MATT

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



# SOLUTIONS FOR COMMERCIAL



## MECHANISMS FOR EVERY PROJECT IMPROVING PRODUCTIVITY AND CONVENIENCE

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

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



077599

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



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

EC787/2XWE + EMUSB2PSAWE + EMUSB1CWE

## EFFICIENCY TIPS

Try these skirting sensor lights in corridors  
See page 38



EC511WE



ES650TD2WE

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



ES770/26PLWE + 2 x EM770WE

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



EC798WE

**International Standard Shaver Socket**  
See page 38

## CUSTOMISE THE PERFECT PANELS FOR STAFF-ONLY AREAS

See page 41



EC2V2HPLWE + 2 x EC770/6GPLWE + EM800BPBLWE + EM800BPRDWE + EMRCARDWE + EM820BLWE + EMRJ45C6WE + EMRJ45C6BU + 2 x EM40OTRWE + 2 x EMFCWE + EM770WE + EM770CARED

EC2V2HPLWE + EC770/6GPLWE + EM800BPBLWE + EM800BPRDWE + EMRCARDWE + EMRCAYELWE + EMRJ45C6WE + EMRJ45C6BU + ECFRAME + 2 x EM910HDMIWE + EM910USBWE

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

EXCEL  
*life*

ORIGINAL

**FAST & SAFE  
POWERPOINTS  
TO INSTALL**

**METICULOUSLY  
ENGINEERED  
POWERPOINTS**

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

SINGLE POWERPOINT

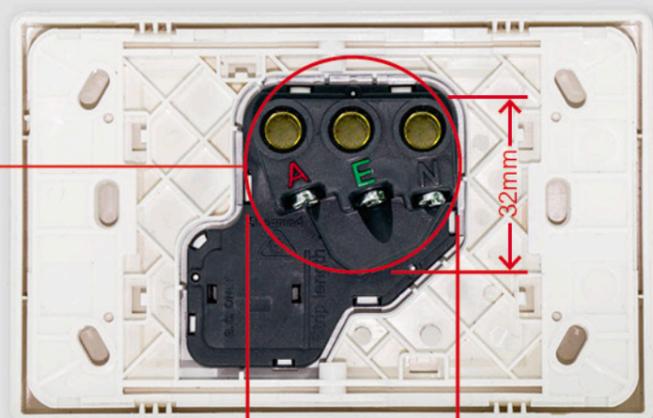


ED787WE

**Inbuilt  
Child Safety  
Shutters**

Ensures  
no accidental  
contact with live  
components

**Easy Install in Cabinetry**  
Fits into 1 x Ø40mm hole



38mm  
**Small Footprint**  
Only 38mm wide

DOUBLE POWERPOINT

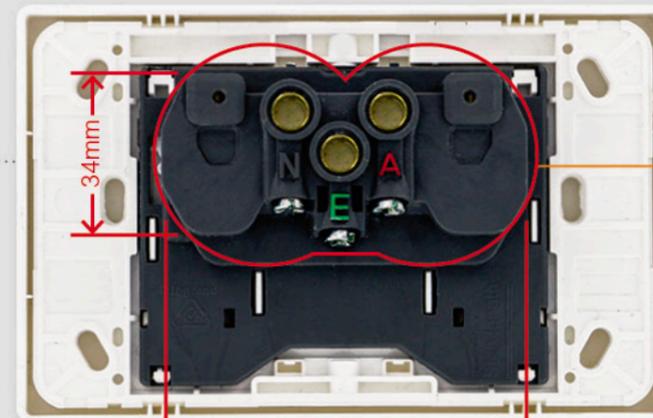


ED777WE

**Inbuilt  
Child Safety  
Shutters**

Ensures  
no accidental  
contact with live  
components

**Easy Install in Cabinetry**  
Fits into 2 x Ø40mm holes



66mm  
**Small Footprint**  
Only 66mm wide

**INNOVATIONS ACROSS THE SINGLE AND DOUBLE POWERPOINTS**

**Guided Cable Terminals**



**Over-Sized Mounting Holes**



**Raised Insulation Barriers**



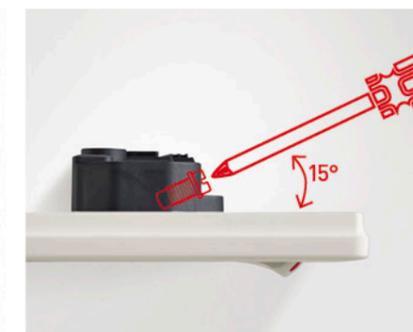
**Carburised Steel Screws**



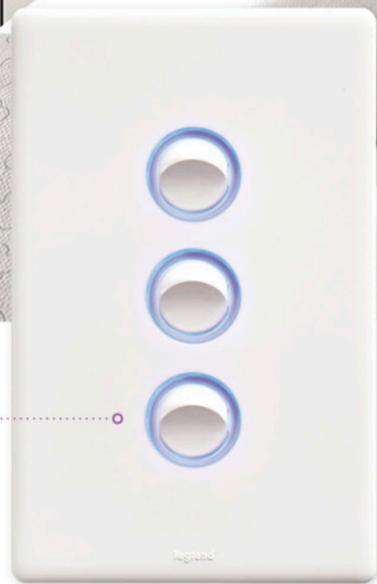
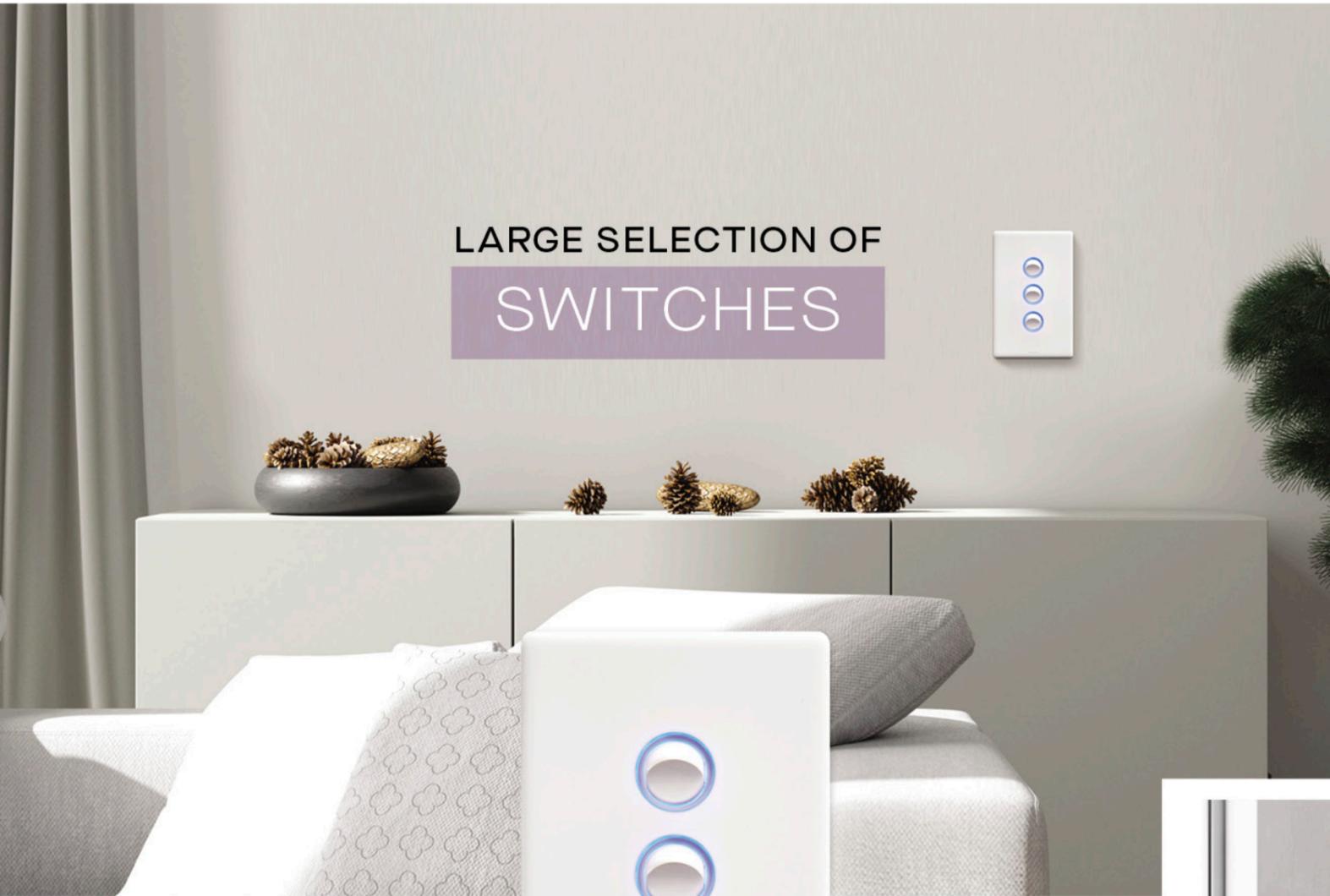
**Captive Screws**



**Ergonomically Angled Screws**



# 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

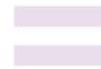
To create rockers with the illuminated LED rings, add the EM770LEDWE mechanism to any standard 16A or 20A EM770 rocker switch.



ED770/3WE



3 x EM770LEDWE



ED770/3WE + 3 x EM770LEDWE



Program LEDs red or blue

Easy programming to set minimum and maximum brightness levels

ED770/4GPLE + 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



EDW0CWEMS

## CHARGE WITHOUT CORDS

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

\*Qi compatible devices only. For full list of compatible devices visit [www.wirelesspowerconsortium.com](http://www.wirelesspowerconsortium.com)



## FASTEST USB POWERPOINTS

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



ED77USB2ACWE

### 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



ED770/36PLWE + 3 x EMUSB2PSAWE

### MAKE A MEGA USB CHARGING STATION

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



ED777USB2IWE

### EASY RETROFIT

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



## MOVING TOWARD USB-C

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



MUST BE ORDERED FOR ANY CONNECTED INSTALLATION

STEP 1: Gateway or Starter kit



412181 EWNSKITWE

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.

Pack	Cat No.	Gateway
1	412181	 <p>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.</p>
		<b>Starter kit</b>
		<p>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 &amp; 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</p>
1	EWNSKITWE	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Matt White</li> <li>● Matt Black</li> </ul>
1	EWNSKITMW	
1	EWNSKITMB	

STEP 2: Connected products



EWN770/1WE EWN770/2MB EWN770/3MW

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

Pack	Cat No.	Smart switch
		<p>240V a.c. 3 wire Max. load 100W Compatible with most traditional and LED lighting loads Zigbee 2.4GHz to 2.4835GHz Horizontal or Vertical orientation</p>
1	EWN770/1WE	 <ul style="list-style-type: none"> <li>○ White - 1 gang</li> <li>○ Matt White - 1 gang</li> <li>● Matt Black - 1 gang</li> </ul>
1	EWN770/1MW	
1	EWN770/1MB	
1	EWN770/2WE	 <ul style="list-style-type: none"> <li>○ White - 2 gang</li> <li>○ Matt White - 2 gang</li> <li>● Matt Black - 2 gang</li> </ul>
1	EWN770/2MW	
1	EWN770/2MB	
1	EWN770/3WE	 <ul style="list-style-type: none"> <li>○ White - 3 gang</li> <li>○ Matt White - 3 gang</li> <li>● Matt Black - 3 gang</li> </ul>
1	EWN770/3MW	
1	EWN770/3MB	
		<b>Wireless switch</b>
		<p>Supplied complete with CR2032 3V battery and 4 stickers to mount on walls. Zigbee 2.4GHz to 2.4835GHz.</p>
1	EWNWSW1WE	 <ul style="list-style-type: none"> <li>○ White - 1 gang</li> <li>○ Matt White - 1 gang</li> <li>● Matt Black - 1 gang</li> </ul>
1	EWNWSW1MW	
1	EWNWSW1MB	

Red catalogue number: new product

STEP 2: Connected products



EWNDIM1MW EWNDIM2MB EWN787MW EWNM770WE EWNMDIMMW EWN770/3GPLMB

Pack	Cat No.	Smart dimmer
		<p>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.</p>
1	EWNDIM1WE	 <ul style="list-style-type: none"> <li>○ White - 1 gang</li> <li>○ Matt White - 1 gang</li> <li>● Matt Black - 1 gang</li> </ul>
1	EWNDIM1MW	
1	EWNDIM1MB	
1	EWNDIM2WE	 <ul style="list-style-type: none"> <li>○ White - 2 gang</li> <li>○ Matt White - 2 gang</li> <li>● Matt Black - 2 gang</li> </ul>
1	EWNDIM2MW	
1	EWNDIM2MB	
1	EWNDIM3WE	 <ul style="list-style-type: none"> <li>○ White - 3 gang</li> <li>○ Matt White - 3 gang</li> <li>● Matt Black - 3 gang</li> </ul>
1	EWNDIM3MW	
1	EWNDIM3MB	
		<b>Smart single powerpoint</b>
		<p>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</p>
1	EWN787WE	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Matt White</li> <li>● Matt Black</li> </ul>
1	EWN787MW	
1	EWN787MB	

Pack	Cat No.	Excel Life with Netatmo mechanisms
		<p><b>Switch mechanisms</b> 240V a.c. 3 wire Max. load 100W Compatible with most traditional and LED lighting loads.</p>
1	EWNM770WE	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Matt White</li> <li>● Matt Black</li> </ul>
1	EWNM770MW	
1	EWNM770MB	
		<p><b>Dimmer mechanisms</b> 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.</p>
1	EWNMDIMWE	 <ul style="list-style-type: none"> <li>○ White</li> <li>○ Matt White</li> <li>● Matt Black</li> </ul>
1	EWNMDIMMW	
1	EWNMDIMMB	
		<b>Grid &amp; plates</b>
		<p>To be equipped with Excel Life with Netatmo mechanisms</p>
1	EWN770/1GPLWE	 <ul style="list-style-type: none"> <li>○ White - 1 gang</li> <li>○ Matt White - 1 gang</li> <li>● Matt Black - 1 gang</li> </ul>
1	EWN770/1GPLMW	
1	EWN770/1GPLMB	
1	EWN770/2GPLWE	 <ul style="list-style-type: none"> <li>○ White - 2 gang</li> <li>○ Matt White - 2 gang</li> <li>● Matt Black - 2 gang</li> </ul>
1	EWN770/2GPLMW	
1	EWN770/2GPLMB	
1	EWN770/3GPLWE	 <ul style="list-style-type: none"> <li>○ White - 3 gang</li> <li>○ Matt White - 3 gang</li> <li>● Matt Black - 3 gang</li> </ul>
1	EWN770/3GPLMW	
1	EWN770/3GPLMB	

Red catalogue number: new product

STEP 2: Connected products



067694



574243



574252



412015

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

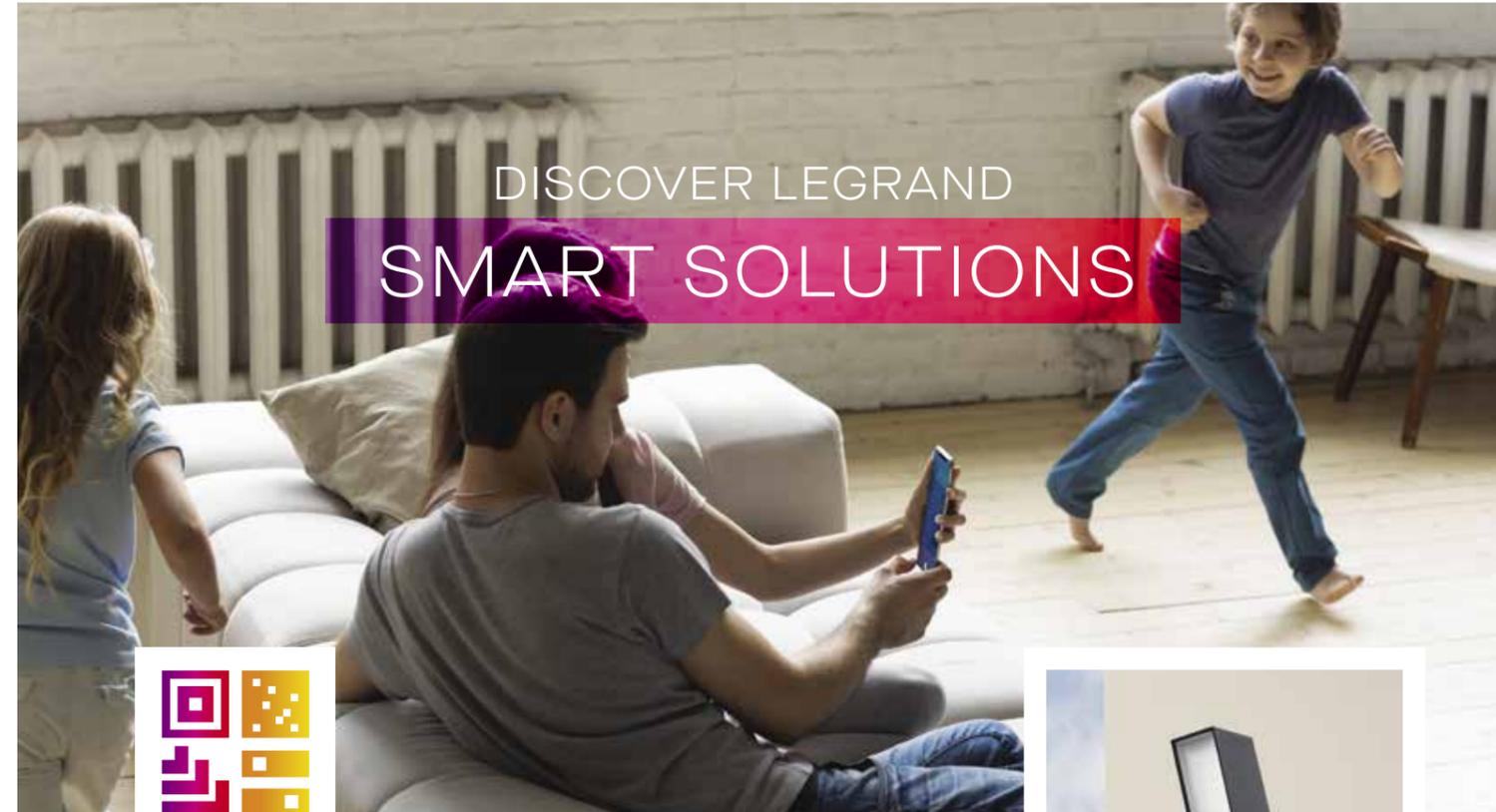
Used to complete your connected installation, requires prior installation of a gateway or starter kit.

Pack	Cat No.	Wireless switch module ON/OFF
1	067694	<p>Allows to transform a mechanical 2-way switch into a wireless on/off switch.</p> <p>Small size for easy integration into the wall box</p> <p>To be paired with one connected switch, micro-module, socket outlet</p> <p>Supplied with CR2032 3V long-life battery for powersupply</p>
1	574243	<p><b>Smart micromodule</b></p> <p>Used to provide connected lighting 300W, with neutral</p> <p>Can be controlled by home + control app, smart auxiliary switch, momentary switches or wireless switches</p> <p>To be installed close to the lighting load</p> <p>Zigbee 2.4GHz to 2.4835GHz</p>

Pack	Cat No.	Motion sensor
1	574252	<p>Allows to control up to 20 wired switches, micromodules and socket outlets</p> <p>Easy pairing by tapping the wired products</p> <p>Supplied with 2 x AA battery</p> <p>For indoor and outdoor use</p> <p>Recommended distance between 2 sensors: 6 m</p> <p>Recommended installation height: 2.5 m</p> <p>Time delay adjustable from 1 to 30 min</p> <p>Range: 8 m</p> <p>Detection angle: 140°</p> <p>Sensor range adjustable from 2 m to 8 m</p> <p>Light level threshold adjustable from 1 to 1000 lux</p>
1	412015	<p><b>Energy module for rail mounting</b></p> <p>Measures the instantaneous and cumulative global electrical consumption of a single phase installation (63A maxi)</p> <p>Sends a notification in case of reaching a configurable limit in the Home + Control App.</p> <p>Delivered with 1 coil</p> <p>1 module</p>

Pack	Cat No.	Connected curtain/roller blind micromodule
1	067697	<p>For local and remote control of a 230 V~ roller blind (raise/lower/stop functions and level management)</p> <p>Compatible with roller blinds with mechanical or electronic stop, not compatible with radio-controlled roller blinds.</p> <p>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.</p>

Red catalogue number: new product



DISCOVER LEGRAND  
SMART SOLUTIONS



**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



DOOR ENTRY SYSTEMS



ARTEOR WITH NETATMO SWITCHES & SOCKETS



EXCEL LIFE SMART SWITCHES & SOCKETS



SMART DOWNLIGHTS



GALAXY - CONNECTED EMERGENCY LIGHTING SYSTEM

## Light switches - dedicated plate series



Pack	Cat No.	Vertical switches 230-240V a.c.	
10	ED770/1WE	<b>Rocker mechanism SPDT 16A fluoro rated 16AX</b> ○ 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
10	ED770/40WE	<b>Rocker mechanism 40A</b> ○ White - 1 gang	
10	ED770/40UG	● Urban Grey - 1 gang	
10	ED770/40DPWE	<b>Rocker mechanism double pole 40A</b> ○ White - 1 gang	
10	ED770/40DPUG	● Urban Grey - 1 gang	
10	ED770/40DPCTPWE	<b>Rocker mechanism double pole engraved 'COOKTOP' 40A</b> ○ White - 6 gang	
10	ED770/40DPCTPUG	● Urban Grey - 6 gang	
10	ED770/40DPCTPBL	● Black - 6 gang	

For custom engraving please contact customer service.

## Light switches - dedicated plate series

IP66 and architrave



Pack	Cat No.	Vertical switches IP66 230-240V a.c.	
10	ED770/1IPWE	<b>Rocker mechanism SPDT 16A fluoro rated 16AX</b> ○ 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	
5	ED770/1HIPWE	<b>Horizontal switches IP66 230-240V a.c.</b> <b>Rocker mechanism SPDT 16A fluoro rated 16AX</b> ○ White - 1 gang	
5	ED770/2HIPWE		○ White - 2 gang
10	ED770/3FLHWE	<b>Vertical Instant Heat Controller switches 230-240V a.c.</b> <b>Engraved light, fan, heat switch, 10A</b> ○ White - 3 gang	
5	ED770/3FLHCWE	<b>Engraved light, fan, heat, 10A suits ducted device BH2DWE/MS</b> ○ White - 3 gang	
10	ED770/4FLHHWE	<b>Engraved light, fan, heat x2, 10A</b> ○ White - 4 gang	
5	ED770/4FLHCWE	<b>Engraved light, fan, heat x2, 10A suits ducted device BH4DWE/MS</b> ○ White - 4 gang	
10	EDA770/1WE	<b>Architrave switches 230-240V a.c.</b> <b>Rocker mechanism SPDT 16A fluoro rated 16AX</b> ○ White - 1 gang	
10	EDA770/2WE		○ White - 2 gang
10	EDA770/3WE		○ White - 3 gang

Red catalogue number: new product

Powerpoints - dedicated plate series



Pack	Cat No.	Horizontal powerpoints 230-240V a.c.
10	ED77WE	<b>Horizontal powerpoints 230-240V a.c.</b> Internal safety shutters on all powerpoints <b>Double powerpoint 10A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Double powerpoint with extra function hole 10A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Double autoswitch powerpoint 10A</b> ○ White ● Urban Grey ● Black <b>Double round earth powerpoint 10A</b> ○ White ● Urban Grey <b>Double extra safety powerpoint 10A</b> ○ White ● Urban Grey <b>Double extra safety autoswitch powerpoint 10A</b> ○ White ● Urban Grey <b>Double powerpoint, double pole 10A</b> ○ White ● Urban Grey <b>Double powerpoint 15A</b> ○ White ● Urban Grey <b>4 gang powerpoint 10A</b> ○ White ● Urban Grey ● Black
10	ED77UG	
10	ED77BL	
10	ED77MW	
10	ED77MB	
10	ED77XWE	○ White ● Urban Grey ● Black ○ Matt White ● Matt Black
10	ED77XUG	
10	ED77XBL	
10	ED77XMW	
10	ED77XMB	
10	ED77AWE	○ White ● Urban Grey ● Black
10	ED77AUG	
10	ED77ABL	
10	ED77RWE	○ White ● Urban Grey
10	ED77RUG	
10	ED77ESWE	○ White ● Urban Grey
10	ED77ESUG	
10	ED77AESWE	○ White ● Urban Grey
10	ED77AESUG	
10	ED77DPWE	○ White ● Urban Grey
10	ED77DPUG	
10	ED7715WE	○ White ● Urban Grey
10	ED7715UG	
10	ED774WE	○ White ● Urban Grey ● Black
10	ED774UG	
10	ED774BL	
1	ED77EL10WE	<b>Horizontal RCD protected powerpoints 230-240V a.c.</b> Internal safety shutters on all powerpoints <b>Double powerpoint 10A, 10mA RCD</b> ○ White ● Urban Grey <b>Double powerpoint 10A, 30mA RCD</b> ○ White ● Urban Grey
1	ED77EL10UG	
1	ED77EL30WE	
1	ED77EL30UG	
1	ED77EL30UG	

Pack	Cat No.	Horizontal USB powerpoints 230-240V a.c.
1	ED77USB2IWE	<b>Horizontal USB powerpoints 230-240V a.c.</b> Internal safety shutters on all powerpoints <b>Double powerpoint 10A, with integrated USB charger 2.4A Type A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Double powerpoint 10A, with USB charger 2x2.4A Type A</b> ○ White ● Urban Grey <b>Double Powerpoint 10A, with integrated USB charger 2.4A Type A+C</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Double powerpoint 10A, engraved "USB chargers", with USB charger 2x2.4A Type A</b> ○ White ● Urban Grey ● Black <b>Double powerpoint 10A, with USB charger 4.8A Type A &amp; C</b> ○ White ● Urban Grey ● Black <b>Double powerpoint 10A, with USB charger Type C 60w (1 port)</b> ○ White ● Urban Grey ● Black
1	ED77USB2IUG	
1	ED77USB2IBL	
1	ED77USB2IMW	
1	ED77USB2IMB	
1	ED77USB2PSAWE	○ White ● Urban Grey
1	ED77USB2PSAUG	
1	ED77USB2IACWE	○ White ● Urban Grey ● Black ○ Matt White ● Matt Black
1	ED77USB2IACUG	
1	ED77USB2IACBL	
1	ED77USB2IACMW	
1	ED77USB2IACMB	
1	ED77USBENGWE	○ White ● Urban Grey ● Black
1	ED77USBENGUG	
1	ED77USBENGBL	
1	ED77USB2ACWE	○ White ● Urban Grey ● Black
1	ED77USB2ACUG	
1	ED77USB2ACBL	
1	ED77USB1CWE	○ White ● Urban Grey ● Black
1	ED77USB1CUG	
1	ED77USB1CBL	
10	EDV77WE	<b>Vertical double powerpoints 230-240V a.c.</b> Internal safety shutters on all powerpoints <b>Vertical double powerpoint 10A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Vertical double powerpoint with extra function hole 10A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Vertical double autoswitch powerpoint 10A</b> ○ White ● Urban Grey
10	EDV77UG	
10	EDV77BL	
10	EDV77MW	
10	EDV77MB	
10	EDV77XWE	○ White ● Urban Grey ● Black ○ Matt White ● Matt Black
10	EDV77XUG	
10	EDV77XBL	
10	EDV77XMW	
10	EDV77XMB	
10	EDV77AWE	○ White ● Urban Grey
10	EDV77AUG	

Red catalogue number: new product

Powerpoints - dedicated plate series



Pack	Cat No.	Horizontal single powerpoints 230-240V a.c.
10	ED787WE	<b>Horizontal single powerpoints 230-240V a.c.</b> Internal safety shutters on all powerpoints <b>Single powerpoint 10A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Single powerpoint with extra function hole 10A</b> ○ White ● Urban Grey <b>Single powerpoint with 2 extra function holes 10A</b> ○ White ● Urban Grey <b>Single round earth powerpoint 10A</b> ○ White ● Urban Grey <b>Single autoswitch powerpoint 10A</b> ○ White ● Urban Grey <b>Single round earth autoswitch powerpoint 10A</b> ○ White ● Urban Grey <b>Single double pole powerpoint 10A</b> ○ White ● Urban Grey <b>Single powerpoint 15A</b> ○ White ● Urban Grey ● Black <b>Single autoswitch powerpoint 15A</b> ○ White ● Urban Grey <b>Single powerpoint 20A</b> ○ White ● Urban Grey <b>Single powerpoint 25A</b> ○ White ● Urban Grey <b>Single powerpoint 32A unswitched</b> ● White ● Urban Grey Black
10	ED787UG	
10	ED787BL	
10	ED787MW	
10	ED787MB	
10	ED787XWE	○ White ● Urban Grey
10	ED787XUG	
10	ED7872XWE	○ White ● Urban Grey
10	ED7872XUG	
10	ED787RWE	○ White ● Urban Grey
10	ED787RUG	
10	ED787AWE	○ White ● Urban Grey
10	ED787AUG	
10	ED787ARWE	○ White ● Urban Grey
10	ED787ARUG	
10	ED787DPWE	○ White ● Urban Grey
10	ED787DPUG	
10	ED78715WE	○ White ● Urban Grey ● Black
10	ED78715UG	
10	ED78715BL	
10	ED787A15WE	○ White ● Urban Grey
10	ED787A15UG	
10	ED78720WE	○ White ● Urban Grey
10	ED78720UG	
10	ED78725WE	○ White ● Urban Grey
10	ED78725UG	
10	ED787U32WE	● White ● Urban Grey Black
10	ED787U32UG	
10	ED787U32BL	

Pack	Cat No.	Vertical single powerpoints 230-240V a.c.
10	EDV787WE	<b>Vertical single powerpoints 230-240V a.c.</b> Internal safety shutters on all powerpoints <b>Vertical single powerpoint 10A</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black <b>Vertical single powerpoint with extra function hole 10A</b> ○ White ● Urban Grey <b>Vertical single powerpoint with 2 extra function holes 10A</b> ○ White ● Urban Grey <b>Vertical single round earth powerpoint 10A</b> ○ White ● Urban Grey <b>Vertical single autoswitch round earth powerpoint 10A</b> ○ White ● Urban Grey <b>Vertical single powerpoint 15A</b> ○ White ● Urban Grey <b>Vertical single autoswitch powerpoint 15A</b> ○ White ● Urban Grey
10	EDV787UG	
10	EDV787BL	
10	EDV787MW	
10	EDV787MB	
10	EDV787XWE	○ White ● Urban Grey
10	EDV787XUG	
10	EDV7872XWE	○ White ● Urban Grey
10	EDV7872XUG	
10	EDV787RWE	○ White ● Urban Grey
10	EDV787RUG	
10	EDV787ARWE	○ White ● Urban Grey
10	EDV787ARUG	
10	EDV787A15WE	○ White ● Urban Grey
10	EDV787A15UG	

Red catalogue number: new product

Mechanical mechanisms



Pack	Cat No.	Rocker switch mechanisms 230-240V a.c., 16A
10	EM770WE	<b>Single pole double throw fluoro rated 16AX M100 motor rating</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black
10	EM770UG	
10	EM770BL	
10	EM770MW	
10	EM770MB	
10	EM770LEDFWE	
10	EM770LEDFUG	
10	EM770LEDFBL	
10	EM770XWE	<b>Single pole double throw spring return</b> ○ White ● Urban Grey ● Black
10	EM770XUG	
10	EM770XBL	
10	EM770DPWE	<b>Double pole single throw fluoro rated 10AX</b> ○ White ● Urban Grey ● Black
10	EM770DPUG	
10	EM770DPBL	
10	EM770PRDWE	<b>Double pole single throw with Red indicator fluoro rated 10AX</b> ○ White ● Urban Grey
10	EM770PRDUG	
10	EM770DUOWE	<b>2 x single pole single throw fluoro rated 10AX M50 motor rating</b> ○ White ● Urban Grey
10	EM770DUOUG	
10	EM770IMWE	<b>Intermediate switch 10A fluoro rated 10AX</b> ○ White ● Urban Grey ● Black ○ Matt White ● Matt Black
10	EM770IMUG	
10	EM770IMBL	
10	EM770IMMW	
10	EM770IMMB	
10	EM770IMLEDWE	<b>Intermediate switch with illuminated Blue LED ring</b> ○ White - 1 gang
10	EM770RDWE	<b>Single pole double throw with Red indicator fluoro rated 16AX</b> ○ White ● Urban Grey
10	EM770RDUG	

Red catalogue number: new product

Mechanical mechanisms



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

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			
DWASH	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	EM770MICROWAVEWE	EM770MICROWAVEUG	EM770MICROWAVEBL	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	EM770/32RANGWE	EM770/32RANGUG	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

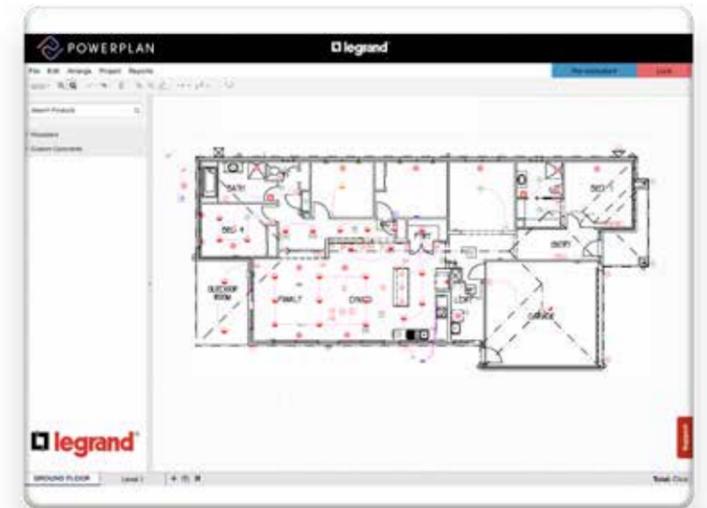
Red catalogue number: new product



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



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

Red catalogue number: new product

## Electronic mechanisms



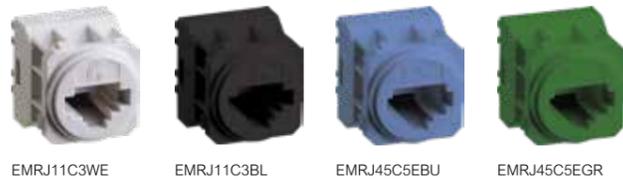
Pack	Cat No.	PIR movement sensor mechanisms 230-240V a.c.
10	EM803PIRWE	Can be programmed from 5 sec to 30min and 1 to 2,000 lux <b>Automatic 3 wire 5A</b> ○ White ● Urban Grey ● Black <b>Manual Override 3 wire 5A</b> ○ White ● Urban Grey ● Black
10	EM803PIRUG	
10	EM803PIRBL	
10	EM803PIRSWE	<b>Programmable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

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

Red catalogue number: new product

RJ11 CAT 3 voice sockets and RJ45 CAT 5E sockets



EMRJ11C3WE EMRJ11C3BL EMRJ45C5EUBU EMRJ45C5EGR EMRJ45C6RD EMRJ45C6YE EMKEYSTONEAWE EMKEYSTONEBWE

Pack	Cat No.	RJ11 voice sockets
10	EMRJ11C3WE	Additional slot available for looping. Compatible with both Krone and IDC termination tools ○ White
10	EMRJ11C3BL	● Black
10	EMRJ11C3BU	● Blue
10	EMRJ11C3GR	● Green
10	EMRJ11C3RD	● Red
10	EMRJ11C3YE	● Yellow

Pack	Cat No.	RJ45 data sockets
10	EMRJ45C5EWE	Compatible with both Krone and IDC termination tools ○ White
10	EMRJ45C5EBL	● Black
10	EMRJ45C5EUBU	● Blue
10	EMRJ45C5EGR	● Green
10	EMRJ45C5ERD	● Red
10	EMRJ45C5EYE	● Yellow

RJ45 CAT 6 data sockets and Keystone adapters



Pack	Cat No.	RJ45 data sockets
10	EMRJ45C6WE	Compatible with both Krone and IDC termination tools ○ White
10	EMRJ45C6BL	● Black
10	EMRJ45C6BU	● Blue
10	EMRJ45C6GR	● Green
10	EMRJ45C6RD	● Red
10	EMRJ45C6YE	● Yellow

Pack	Cat No.	RJ45 data sockets Cat. 6A
10	EMRJ45C6AWE	○ White
10	EMRJ45C6ABL	● Black

Pack	Cat No.	Keystone adapters
10	EMKEYSTONEAWE	○ White
10	EMKEYSTONEAUG	● Urban Grey
10	EMKEYSTONEABL	● Black

Pack	Cat No.	Suits Panduit keystone jacks
10	EMKEYSTONEBWE	○ White
10	EMKEYSTONEBUG	● Urban Grey

Pack	Cat No.	Suits Systimax keystone jacks
10	EMKEYSTONECWE	○ White
10	EMKEYSTONECUG	● Urban Grey

Pack	Cat No.	Suits Tyco/AMP keystone jacks
10	EMKEYSTONEDWE	○ White
10	EMKEYSTONEDUG	● Urban Grey

Pack	Cat No.	Suits Molex keystone jacks
10	EMKEYSTONEEWE	○ White
10	EMKEYSTONEEUG	● Urban Grey

Pack	Cat No.	Suits Legrand LCS <sup>2</sup> tooless jacks
10	EMKEYSTONELWE	○ White
10	EMKEYSTONELUG	● Urban Grey
10	EMKEYSTONELBL	● Black

Red catalogue number: new product

Audio and video sockets and devices



EMFFFOXWE EMSPWE EMRCARDWE

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

Red catalogue number: new product

USB and wireless chargers



EMUSB2PSAWE 077850 EMUSB2ACWE

Pack	Cat No.	USB charger mechanisms 230-240V a.c.
12	EMUSB2PSAWE	<b>Dual USB Charger Mechanism 2x2.4A Type A</b> ○ White
12	EMUSB2PSAUG	● Urban Grey
12	EMUSB2PSABL	● Black
12	EMUSB2ACWE	<b>Dual USB Charger Mechanism 4.8A Type A and C</b> ○ White
12	EMUSB2ACUG	● Urban Grey
12	EMUSB2ACBL	● Black
1	EMUSB1CWE	<b>USB charger mechanism, Type C, 60W (single port)</b> ○ White
1	EMUSB1CUG	● Urban Grey
1	EMUSB1CBL	● Black

Pack	Cat No.	Wireless Chargers
1	EDWCWEMS	<b>Wall-mount 1A</b> Supplied complete with grid & plate ○ White
1	EDWCUGMS	● Urban Grey
1	EDWCBLMS	● Black
1	ECWCWEMS	○ White
1	077599	<b>Weatherproof 1A IP66-1K10</b> ● Silver/Black
1	077580	<b>Table top/ Desk mount 1A</b> ● Silver

## Grids and coverplates



### Dedicated Plate Series grids and coverplates only

Pack	Cat No.	Options
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

### Dedicated Plate Series module grid and coverplate only

Pack	Cat No.	Options
10	ED920GPLWE	○ White
10	ED920GPLBL	● Black
10	ED20A/4KTWE	○ White
10	ED20A/4KTUG	● Urban Grey
10	ED20A/4KTBL	● Black
10	EDKFSWE	○ White
2	ED798BL	● Black
1	PROBK1	○ White White Speakers
1	PROBK2	○ White Black Speakers

### Architrave Dedicated Plate Series grids and coverplates only

Pack	Cat No.	Options
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

Red catalogue number: new product

## Coverplates



### Dedicated Switches – Coverplate Only

Finish	ED770/1PLWE	ED770/2PLWE	ED770/3PLWE	ED770/4PLWE	ED770/5PLWE	ED770/6PLWE	ED920PLWE	EDCWPLWE
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	ED787PLWE	ED777PLWE	ED777XPLWE	ED777APLWE	EDV787PLWE	EDV777PLWE	EDV777XPLWE	EDV777APLWE
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



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

Light switches  
common plate series IP66



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

Powerpoints – common plate series



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

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

AVAILABLE FROM JULY 2021

Red catalogue number: new product

Powerpoints – common plate series



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

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

Mechanical mechanisms



Pack	Cat No.	Rotary switch mechanisms 230-240V a.c., 16A
10	EMRSWE	All-in-one solution comes with 6 marking plate options and 180°, 270° and 360° rings ○ White ● Urban Grey ● Black
10	EMRSUG	
10	EMRSBL	
10	EM820KLIWE	Keylock switch mechanisms 230-240V a.c., 20A <b>Key removable in 'ON' only position fluoro rated 20AX</b> ○ White ● Urban Grey
10	EM820KLIUG	
10	EM820KLOWE	Key removable in 'OFF' only position fluoro rated 20AX ○ White ● Urban Grey
10	EM820KLOUG	
10	EM820KLIOWE	Key removable in 'OFF' or 'ON' position fluoro rated 20AX ○ White ● Urban Grey
10	EM820KLIUG	
10	EM820BL1WE	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 <b>Key removable in 'ON' only position fluoro rated 20AX</b> ○ White
10	EM820BLOWE	
10	EM820BL10WE	
1	EM770/20KT	*Key not supplied and must be sourced from approved BiLock™ locksmiths <b>Mechanical keytag switches 230-240V a.c., 20A</b> <b>Single pole single throw</b> ○ White
10	EM20A/4KTWE	

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

Electronic devices



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

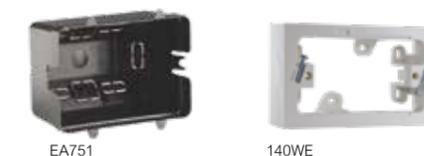
Pack	Cat No.	Wireless Chargers
1	ECWCWEMS	<b>Wall-mount 1A</b> Supplied complete with grid & plate ○ White
10	ECUSBWE	<b>Audio and video devices USB type A female outlet</b> ○ White
6	EC910J35WE	<b>3.5mm female audio outlet</b> ○ White
4	EC920HDMIWE	<b>HDMI outlet rear pluggable</b> ○ White
8	EC920LJWE	<b>Loudspeaker outlet IP41, 6mm terminal capacity</b> ○ White
10	EC920MSVIDWE	<b>S-Video outlet mini din</b> ○ White
10	EC920VGAWWE	<b>VGA outlet female connection</b> ○ White
6	EC914WE	<b>Common Plate Series no touch switch 230-240V a.c., 4A</b> ○ White
6	EC510WE	<b>Common Plate Series skirting lights 230-240V a.c. Permanent skirting light adjustable intensity 0.2 or 1W</b> ○ White
4	EC511WE	<b>Common Plate Series skirting lights 230-240V a.c. Permanent skirting light adjustable intensity 0.2 or 1W</b> ○ White
6	EC520WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White White colour LED
6	EC521WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White Blue colour LED
6	EC524WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White Green colour LED
4	EC570WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White Red colour LED
4	EC571WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White White colour LED
4	EC572WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White Green colour LED
4	EC573WE	<b>Common Plate Series signalling lights 230-240V a.c.</b> ○ White Blue colour LED

Cable management, circuit identification and accessories



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

Panel mount adaptors, inserts and mounting blocks



Pack	Cat No.	Panel mount adaptors
	EA910PMAWE	<b>Panel mount adaptors</b> 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 ○ White - 1 module
	EA920PMAWE	<b>Panel mount adaptors</b> ○ White - 2 modules
10	EA910/0WE	<b>Support frame inserts Blank insert - 1 module</b> ○ White
10	EA910/0UG	<b>Support frame inserts Blank insert - 1 module</b> ● Urban Grey
10	EA910/0BL	<b>Support frame inserts Blank insert - 1 module</b> ● Black
10	EA910/1WE	<b>Support frame inserts 1 gang insert - 1 module</b> ○ White
10	EA910/1UG	<b>Support frame inserts 1 gang insert - 1 module</b> ● Urban Grey
10	EA910/1BL	<b>Support frame inserts 1 gang insert - 1 module</b> ● Black
10	EA910/2WE	<b>Support frame inserts 2 gang insert - 1 module</b> ○ White
10	EA910/2UG	<b>Support frame inserts 2 gang insert - 1 module</b> ● Urban Grey
10	EA910/2BL	<b>Support frame inserts 2 gang insert - 1 module</b> ● Black
10	140WE	<b>Mounting blocks Surface mounting block</b> 37mm deep, suits powerpoints, switches and electronic mechanisms ○ White
10	EA140UG	<b>Mounting blocks Surface mounting block</b> ● Urban Grey
10	140BL	<b>Mounting blocks Surface mounting block</b> ● Black
10	ECCWGPLWE	<b>Mounting blocks Deep mounting block and coverplate Common Plate Series only</b> ○ White

Installation brackets



EA143/3H EA503/2W

Pack	Cat No.	Mounting brackets 84mm spacing centres
<b>Stud Bracket</b>		
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
<b>Render Bracket</b>		
20	954	1 gang render bracket
10	EA503/2W	2 gang horizontal render bracket
10	EA503/3W	3 gang horizontal render bracket
10	EA503/2H	2 gang vertical render bracket
10	EA503/3H	3 gang vertical render bracket
10	EA503/4H	4 gang vertical render bracket

Installation brackets and wall boxes



712 429R

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

Coverplates



EC770/0GPLWE EC770/2GPLWE ECCWGPLWE ECCW4HPLWE

Pack	Cat No.	Dedicated Plate Series module grid and coverplate only
<b>2 module grid and coverplate only</b> Suits 2 module insert 45x45mm		
10	ED920GPLWE	○ White
10	ED920GPLBL	● Black
<b>Common Plate Series grids and coverplates only</b>		
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
<b>Common Plate Series deep mounting block and coverplate only</b>		
10	ECCWGPLWE	○ White
<b>Common Plate Series module grids and coverplates only</b>		
<b>1 module grid and coverplate only</b> Suits 1 module insert 25x57mm		
10	EC910GPLWE	○ White
<b>2 module grid and coverplate only</b> Suits 2 module insert 45x45mm		
10	EC920GPLWE	○ White - 6 gang

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

Secure series



ES777WE



ES770/5GPLWE

Pack	Cat No.	Horizontal powerpoints 230-240V a.c. Internal safety shutters in all powerpoints
10	ES777WE	<b>Double powerpoint 10A</b> ○ White
10	ES787WE	<b>Single powerpoint 10A</b> ○ White
10	ES650TD2WE	<b>Fan controllers with Time-delay</b> Fan speed controller 650VA with auto-switch OFF time delay <b>2Hr time delay</b> ○ White - Blank
10	ES650TD3WE	<b>3Hr time delay</b> ○ White - 1 gang
10	ES770NVWE	<b>No-volt switch</b> ○ 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
10	ESCWPLWE	<b>Coverplate only</b> ○ White - Blank



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



ES770/2GPLWE + 2 x EM770WE

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

Red catalogue number: new product



# 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



EC777EL10CAWE

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



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

Pack	Cat No.	Common plate switch 16AX 230-240V a.c.
10	EC770/1CAWE	Standard rocker switch mechanisms, 16AX fluoro rated, chemical resistant and antimicrobial
10	EC770/2CAWE	<b>Vertical plates</b> 1 gang switch 16AX ○ White
10	EC770/3CAWE	2 gang switch 16AX ○ White
10	EC770/4CAWE	3 gang switch 16AX ○ White
10	EC770/4CAWE	4 gang switch 16AX ○ White
10	EC770/1HCAWE	<b>Horizontal plates</b> 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
6	EC914WE	<b>No Touch Switch</b> No Touch switch, 4A 1 gang ○ White



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

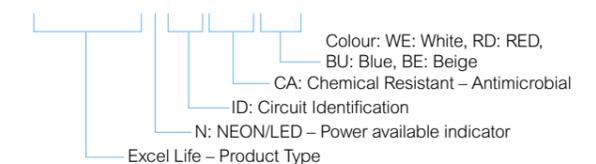
Pack	Cat No.	Common plate grid and plates
10	EC770/0GPLCAWE	Chemical resistant and antimicrobial Blank grid and coverplate only ○ White
10	EC770/1GPLCAWE	1 gang grid and coverplate only ○ White
10	EC770/2GPLCAWE	2 gang grid and coverplate only ○ White
10	EC770/3GPLCAWE	3 gang grid and coverplate only ○ 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
10	EM770CAWE	<b>Switch mechanisms 16AX 230-240V a.c.</b> Single pole double throw chemical resistant and antimicrobial ○ 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





Pack	Cat No.	Common plate powerpoints 10A 230-240V a.c.
10	EC777NCAWE	Internal safety shutters, chemical resistant and antimicrobial with power available LED engraved 'RCD Protected' <b>Double powerpoint</b> ○ White
10	EC777NCABU	● Blue
10	EC777NCARD	● Red
10	EC777NIDCAWE	<b>Double powerpoint with circuit ID</b> ○ White
10	EC777NIDCABU	● Blue
10	EC777NIDCARD	● Red
10	EC787NCAWE	<b>Single powerpoint</b> ○ White
10	EC787NCABU	● Blue
10	EC787NCARD	● Red
10	EC787NIDCAWE	<b>Single powerpoint with circuit ID</b> ○ White
10	EC787NIDCABU	● Blue
10	EC787NIDCARD	● Red



Pack	Cat No.	Common plate vertical powerpoints 10A 230-240V a.c.
10	ECV777NCAWE	Internal safety shutters, chemical resistant and antimicrobial with power available LED engraved 'RCD Protected' <b>Double vertical powerpoint</b> ○ White
10	ECV777NCABU	● Blue
10	ECV777NCARD	● Red
10	ECV787CAWE	<b>Single vertical powerpoint</b> ○ White
10	ECV787NCAWE	○ White - with neon indicator
10	ECV787CABU	● Blue
10	ECV787NCABU	● Blue - with neon indicator
10	ECV787CARD	● Red
10	ECV787NCARD	● Red - with neon indicator
10	ECV787NIDCAWE	<b>Single vertical powerpoint with circuit ID</b> ○ White
10	ECV787NIDCABU	● Blue
10	ECV787NIDCARD	● Red
12	EMUSB2PSAWE	<b>USB chargers 230-240V a.c.</b> <b>All USB chargers are white</b> Dual USB charger mechanism 2x2.4A Type A
12	EMUSB2ACWE	Dual USB charger mechanism 4.8A Type A and C
1	EMUSB1CWE	USB charger mechanism, Type C, 60W (single port)



Pack	Cat No.	Common plate single powerpoints 15A 230-240V a.c.
10	EC787/15NCAWE	Internal safety shutters, chemical resistant and antimicrobial with power available LED engraved 'RCD Protected' <b>Single powerpoint</b> ○ White
10	EC787/15NCABU	● Blue
10	EC787/15NCARD	● Red
10	ECV787/15NCAWE	<b>Single vertical powerpoint</b> ○ White
10	ECV787/15NCABU	● Blue
10	ECV787/15NCARD	● Red



Pack	Cat No.	Common plate 'cleaners' powerpoints 10A 230-240V a.c.
10	EC777CABE	Internal safety shutters, chemical resistant and antimicrobial, engraved 'CLEANING PURPOSES ONLY' <b>Double powerpoint</b> ● Beige
10	EC777IDCABE	<b>Double powerpoint with circuit ID</b> ● Beige
10	EC787CABE	<b>Single powerpoint 10A</b> ● Beige
10	EC787/15CABE	<b>Single powerpoint 15A</b> ● Beige
10	EC787IDCABE	<b>Single powerpoint with circuit ID</b> ● Beige
10	EC777EL10CABE	<b>10mA double electrosafe RCD powerpoint</b> ● Beige
10	EC777EL10IDCABE	<b>10mA double electrosafe RCD powerpoint with circuit ID</b> ● 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)



EC777EL10CAWE EC777EL10IDCAWE

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



EC777CAWE EC777XCAWE ECV777CAWE

Pack	Cat No.	Common plate powerpoints 10A 230-240V a.c.
10	EC777CAWE	Internal safety shutters, chemical resistant and antimicrobial, engraved 'RCD Protected' <b>Horizontal powerpoints</b> 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
10	ECV777CAWE	<b>Vertical powerpoints</b> 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

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)



ECEL10N2IDCAWE ECEL10HN2IDCAWE ECBPASIGN

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



EC510WE

Pack	Cat No.	Skirting lights 230-240V a.c.	
1	EC510WE	<b>Skirting lights</b> Suitable for passage areas or installation with obstacles Permanent skirting LED light, 0.2 or 1W max ○ White	
1	EC511WE	<b>Skirting light with motion detector</b> The LED lights are activated when the PIR sensor detects movement. Skirting LED light with PIR sensor 1.3W max ○ White	
10	EA910PMAWE	<b>Panel mount adaptors and inserts</b> 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 <b>Panel mount adaptors</b> Panel mount adaptors - 1 module ○ White	
10	EA920PMAWE		
10	EA910/0WE	<b>Inserts</b> Blank insert - 1 module ○ White	
10	EA910/1WE	1 gang insert - 1 module ○ White	
10	EA910/2WE	2 gang insert - 1 module ○ White	
10	EMPAPS2WE	<b>Illumination kits 230-240V a.c.</b> 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

Red catalogue number: new product



Pack	Cat No.	Common plate coverplates
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
<b>Accessories</b>		
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
<b>Circuit Identification labels</b> 10 sheets (96 labels per sheet)		
10	EACIDLABELWE	○ White
10	EACIDLABELBU	● Blue
10	EACIDLABELRED	● Red
10	EACIDLABELYE	● Yellow
<b>Plasterboard metal brackets for ECCW series plastic coverplates</b>		
10	ECCW2HBRKT	For ECCW2HPLWE plates
10	ECCW3HBRKT	For ECCW3HPLWE plates
10	ECCW4HBRKT	For ECCW4HPLWE plates



Pack	Cat No.	Accessories (continued)
50	712	<b>Plaster brackets – 84mm Fixing Centre</b> Plaster 10m board bracket
<b>Render brackets</b>		
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
<b>Stud brackets</b>		
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



Pack	Cat No.	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.)		
<b>Steel wall boxes</b>		
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)
<b>Standard wall box</b>		
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



Pack	Cat No.	Equipotential devices
<b>Earth stud plates</b>		
1	ECEES/1GCAWE	1 Gang equipotential earth stud ○ White
1	ECEES/2GCAWE	2 Gang equipotential earth stud ○ White
<b>Equipotential boxes</b>		
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
<b>Gas plates</b>		
Chemical resistant and antimicrobial		
1	ECGAS1GPLCAWE	Gas outlet plate ○ White
1	ECGAS2GPLCAWE	Gas outlet plate with scavenge ○ White

Red catalogue number: new product

## Excel Life™ Stainless steel coverplates



EA3470PLSS



EA3470CPLSS

### Medical Service Panels coverplates

Pack	Cat No.	Description
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 x 190mm
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

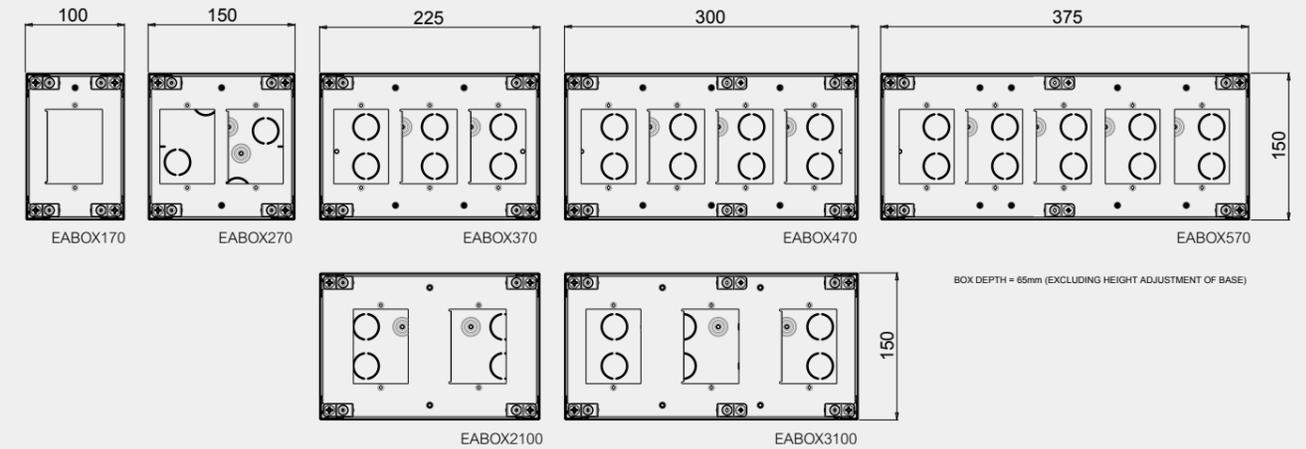
### Medical Service Panels coverplates

Pack	Cat No.	Description
1	EA170CPLSS	Stainless steel 1 gang coverplate curved edges 140mm x 190mm
1	EA270CPLSS	Stainless steel 2 gang coverplate curved edges 70mm spacing 188mm x 188mm
1	EA370CPLSS	Stainless steel 3 gang coverplate curved edges 70mm spacing 263mm x 188mm
1	EA470CPLSS	Stainless steel 4 gang coverplate curved edges 70mm spacing 338mm x 188mm
1	EA570CPLSS	Stainless steel 5 gang coverplate 415mm x 190mm
1	EA2270CPLSS	Stainless steel 2+2 gang coverplate curved edges 70mm spacing 340mm x 190mm
1	EA2370CPLSS	Stainless steel 2+3 gang coverplate curved edges 70mm spacing 415mm x 190mm
1	EA3370CPLSS	Stainless steel 3+3 gang coverplate curved edges 70mm spacing 490mm x 190mm
1	EA3470CPLSS	Stainless steel 3+4 gang coverplate curved edges 70mm spacing 565mm x 190mm
<b>Stainless steel gas coverplates</b>		
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

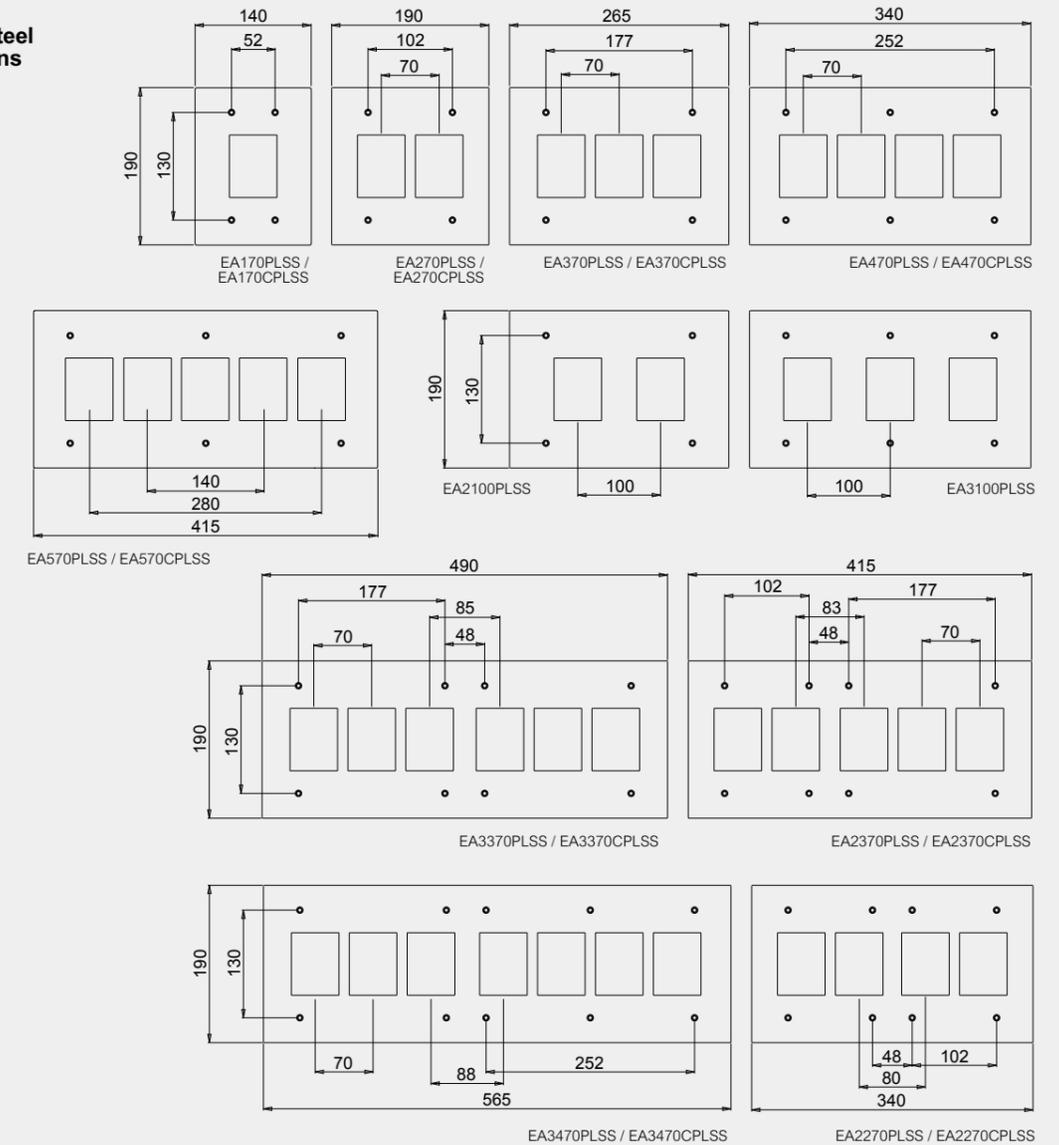
Red catalogue number: new product

## Excel Life™ Wall boxes and coverplates

### Standard Wall Box Dimensions



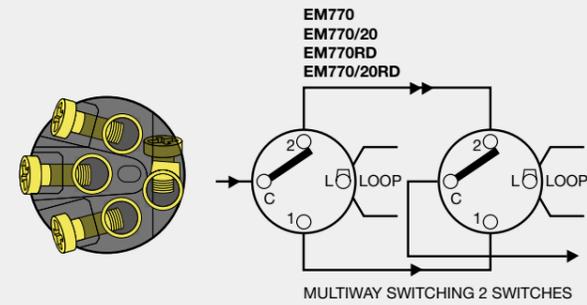
### Standard Stainless Steel Coverplate Dimensions



### Mechanical switch mechanism wiring diagrams

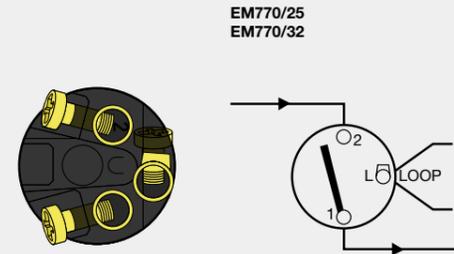
#### 1 & 2 Way (SPDT) EM770 Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770 / EM770RD	SPDT	1L	16A/16AX	Black
EM770/20 / EM770/20RD	SPDT	1L	20A/20AX	Black



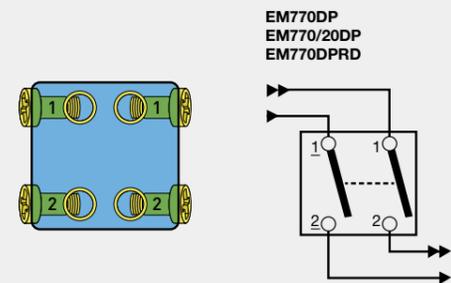
#### 1 Way (SPST) EM770 Series 240V a.c.

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



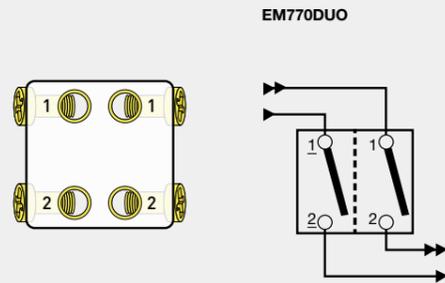
#### Double Pole (DPST) EM770DP Series 240V a.c.

Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770DP / EM770DPRD	DPST	0L	16A/10AX	Blue
EM770/20DP	DPST	0L	20A/10AX	Blue



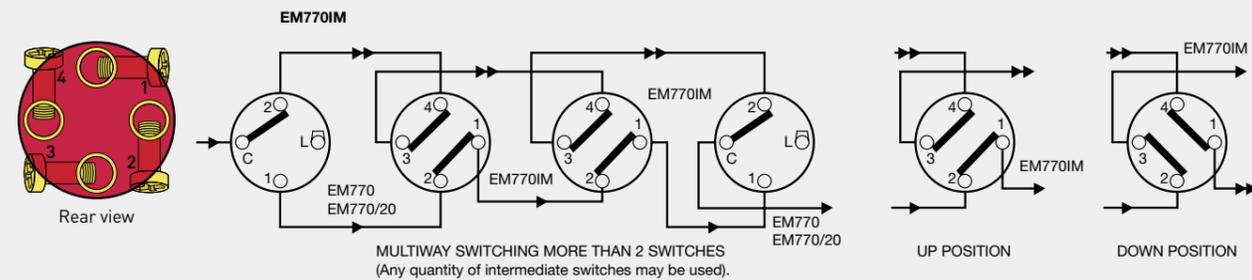
#### Duo Series 2 x 1 Way (2 x SPST) 240V a.c.

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



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

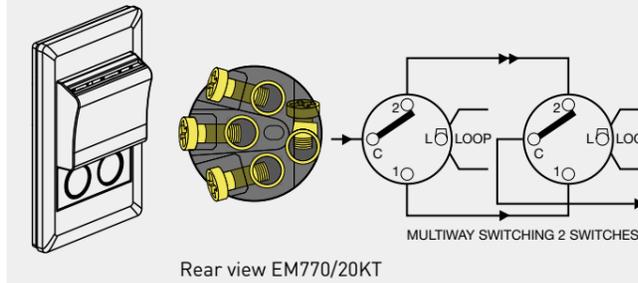
Cat. No.	Legend	Loop	Amp Rating	Body Colour
EM770IM	DPXT	0L	16A	Red



### Mechanical switch mechanism wiring diagrams

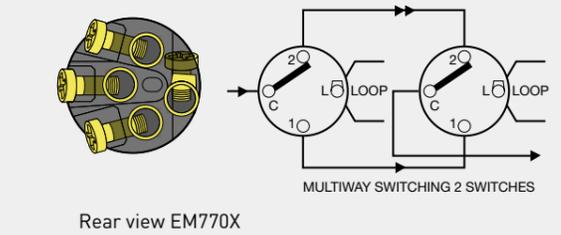
#### KeyTag - 1 Way (SPST) EM770/20KT

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



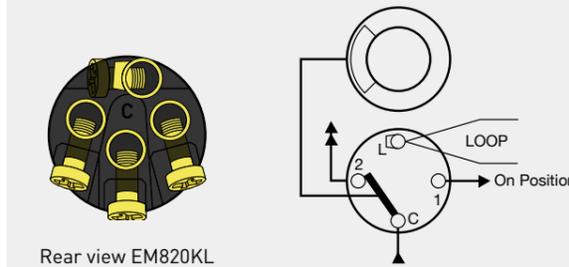
#### Push-Buttons 1 & 2 Way (SPDT) - Non latching EM770X Series 240V a.c.

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



#### 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
EM820KLI0	SPDT	1L	20A	M80	Black



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

- WHITE - OFF (0)
- GREY - ON (I)
- BEIGE - ON (I) and OFF (0)

#### 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

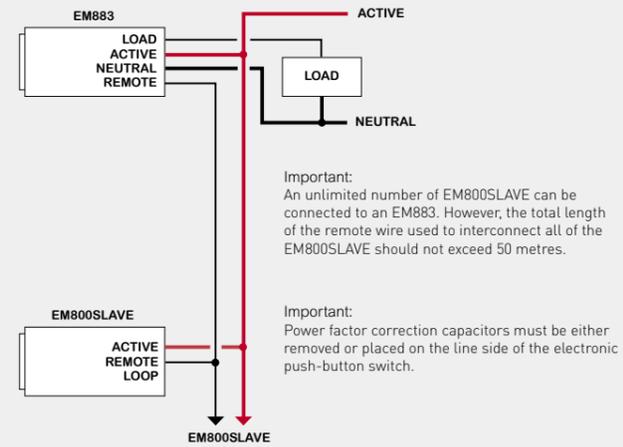
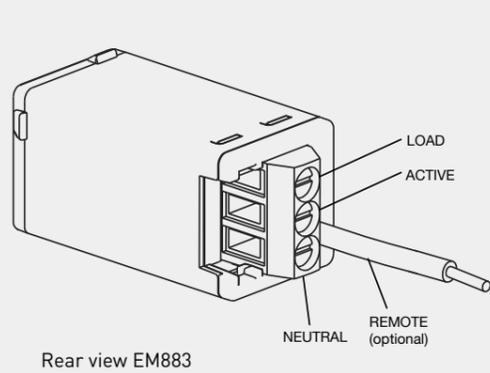
#### Using X Rating

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

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



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 2.5mm <sup>2</sup> 2 x 1.5mm <sup>2</sup>								
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

	+ 50°C + 0°C 230-240V a.c. 50Hz 1 x 2.5mm <sup>2</sup> 2 x 1.5mm <sup>2</sup>	■ Incandescent ■ Halogen	■ Halogen or dimmable LED with electronic transformer ■ Dimmable compact fluorescent ■ Dimmable LED without transformer	■ Halogen with wirewound transformer			Max Power	Max number of transformers <sup>1</sup>
							Max load	1 dimmer per plate
	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 with all dimmable LEDs. Should be bench tested prior to installation

### Note:

- In the case of dimmable compact fluorescent or dimmable LED without transformer, this is the maximum number of lamps.
- Where both max power and max number of transformers/lamps are specified, both conditions must be satisfied.
- 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

	+ 50°C + 0°C 230-240V a.c. 50Hz 1 x 2.5mm <sup>2</sup> 2 x 1.5mm <sup>2</sup>	■ Incandescent ■ Halogen	■ Halogen or dimmable LED with electronic transformer ■ Dimmable compact fluorescent ■ Dimmable LED without transformer	■ Halogen or dimmable LED with wirewound transformer <sup>2</sup>			Max Power	Max number of transformers <sup>1</sup>	Max Power	Max number of transformers
							Max load	1 dimmer per plate	350W	350VA
	2 dimmers per plate	300W	300VA	8	250VA	6	X	X		
	3 or more dimmers per plate	250W	250VA	8	200VA	6	X	X		

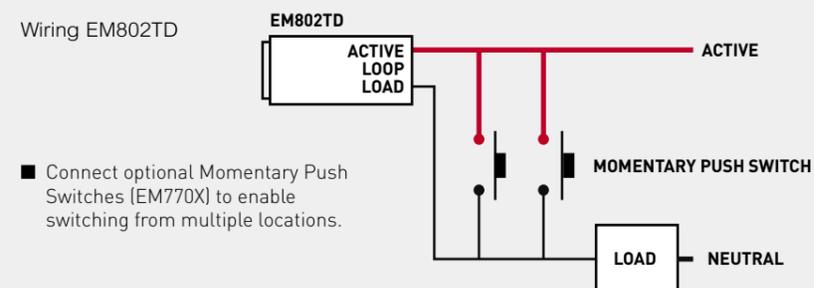
Minimum load = 5W for all load types. Not compatible with all dimmable LEDs. Should be bench tested prior to installation

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 2.5mm <sup>2</sup> 2 x 1.5mm <sup>2</sup>								
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



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

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

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

## Rotary dimmers

### Rotary dimmers - EM250TR/EM400TR/EM700TR

#### Technical characteristics

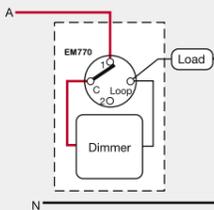
	Incandescent	Halogen	Fluorescent tube	Wirewound transformer	Electronic transformer	Compact fluorescent	LED	Fan motor	
+50°C +0°C 230-240V a.c. 50Hz									
	1 x 2.5mm <sup>2</sup> 2 x 1.5mm <sup>2</sup>								
Max load EM250TR	1 dimmer per plate	250W	250W	X	X	250VA	250VA see note 2	see note 1	X
	2 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

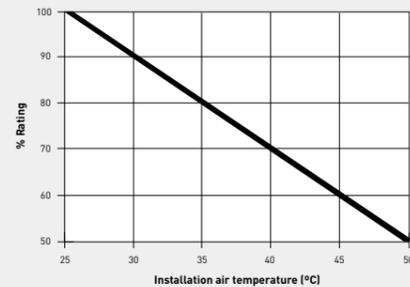
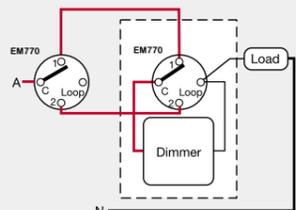
NOTE 1: Not compatible with all dimmable LEDs. Should be bench tested prior to installation.  
 NOTE 2: Compact Fluorescent Lamps (CFLs) and LCDs, also known as Energy Saving Lamps, can only be dimmed if they are specifically marked as "dimmable". Dimmable CFLs may have different characteristics from 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



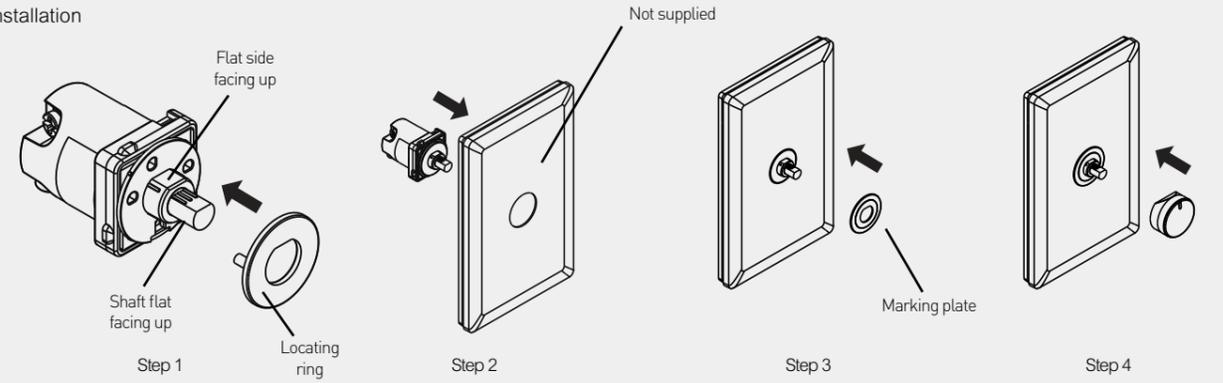
##### Two-way wiring diagram



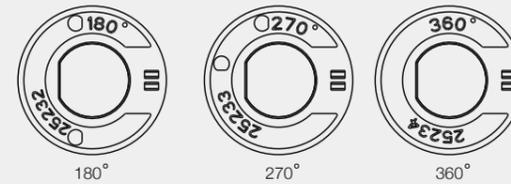
Important:  
When used in ambient temperatures greater than 25°C, the dimmer must be de-rated according to the following chart.

## Rotary switch - EMRSWE/UG/BL

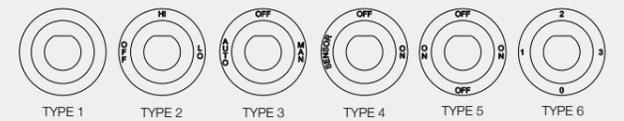
### Installation



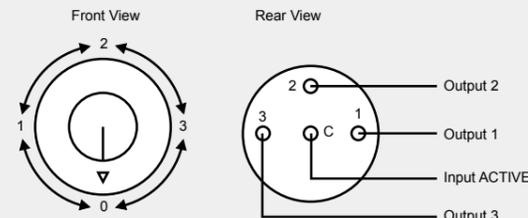
### Rotation ring options



### Marking plate options

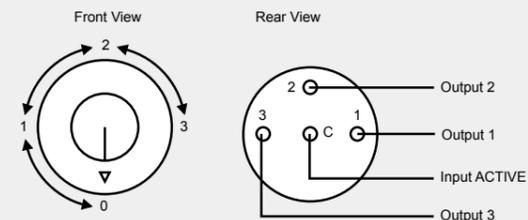


### Wiring for 360° rotation



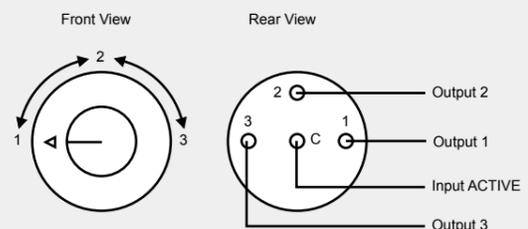
SELECT ONE OF THE FOLLOWING WIRING OPTIONS:				
POSITION				WIRING
0	1	2	3	
OFF	ON	ON	ON	Connect All Terminals
OFF	ON	OFF	ON	Do Not Connect Terminal 2

### 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

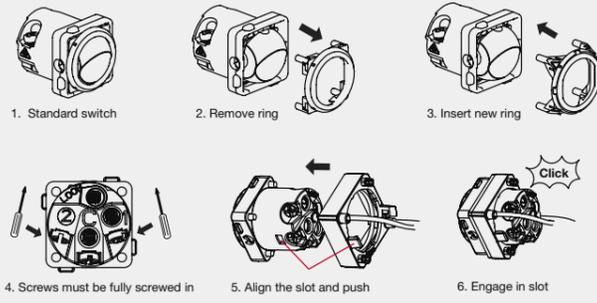


SELECT ONE OF THE FOLLOWING WIRING OPTIONS:				
POSITION				WIRING
1	2	3		
ON	ON	ON		Connect All Terminals
ON	OFF	ON		Do Not Connect Terminal 2
OFF	ON	ON		Do Not Connect Terminal 1
ON	ON	OFF		Do Not Connect Terminal 3

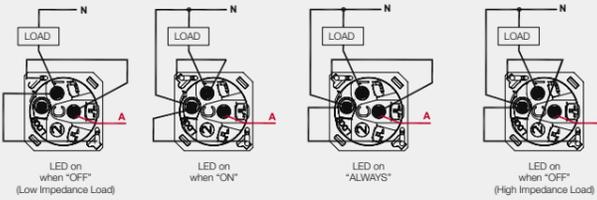
## Illuminated LED ring kits

## LED power supplied/power available indicator kits

### Installation EM770LED - LED 770 illumination kit



### Wiring

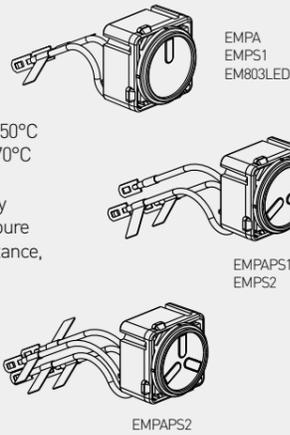


Note: Low Impedance Load examples include incandescent, halogen, resistive loads High Impedance Load examples include CFLs, LED globes

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

#### Features

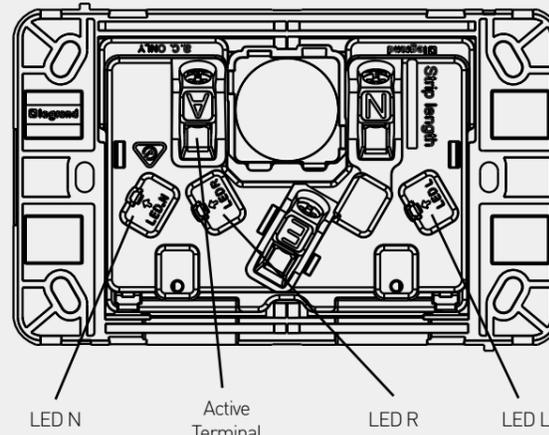
- Voltage: 230-240V a.c.
- Frequency: 50Hz
- Current: 1.2mA per indicator
- Operating temperature: -5°C to +50°C
- Storage temperature: -10°C to +70°C
- Resistant to the following agents:  
Hexane, methylated spirits, soapy water, diluted ammonia, diluted pure bleach (10%), glass cleaning substance,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



### 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.

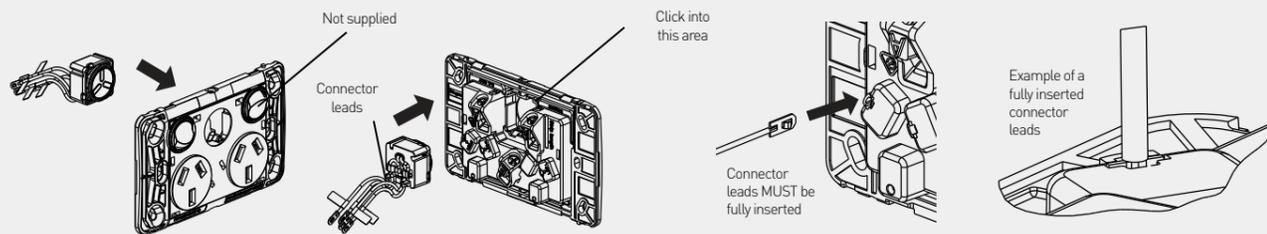


Example:  
EMPAPS2



⊖ = Power available (Amber)  
⊕ = Power supplied (Red)

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

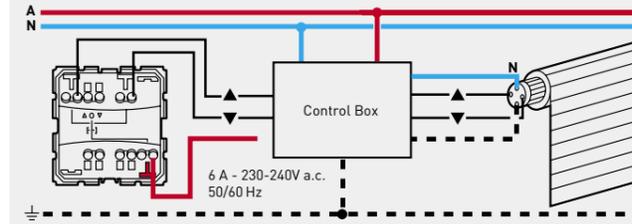


## Shutter, blind, curtain control

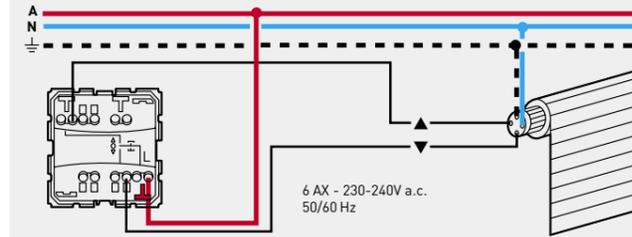
## Plates and cut-out dimensions

### Wiring

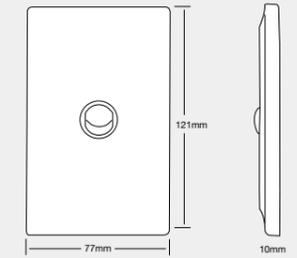
#### Push-button switch (Cat No EC919WE)



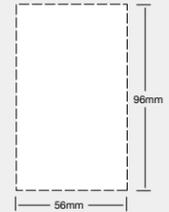
#### Push-button switch (Cat No EC920WE)



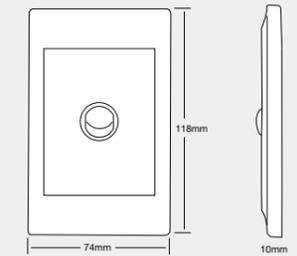
### Dedicated plate series dimensions



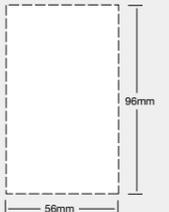
### Maximum cut-out dimensions



### Common plate series dimensions



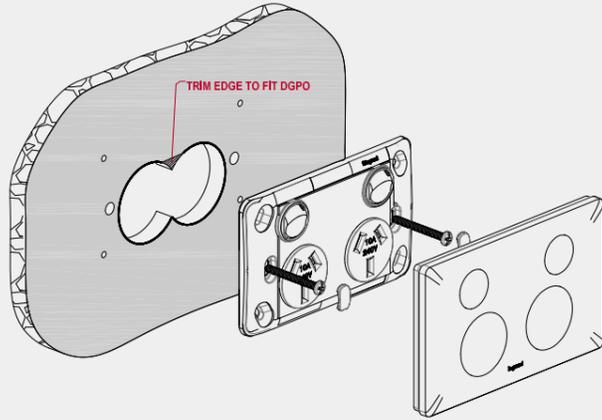
### Maximum cut-out dimensions



Powerpoint installation details

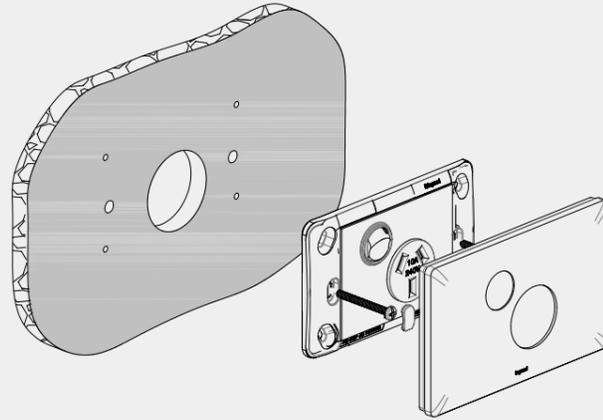
Hard Surfaces Installations  
Double powerpoint 10A

Assembly

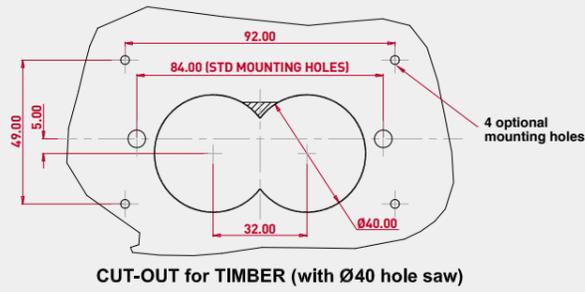


Single powerpoint 10A

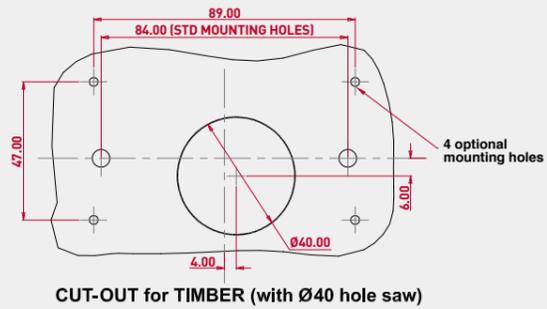
Assembly



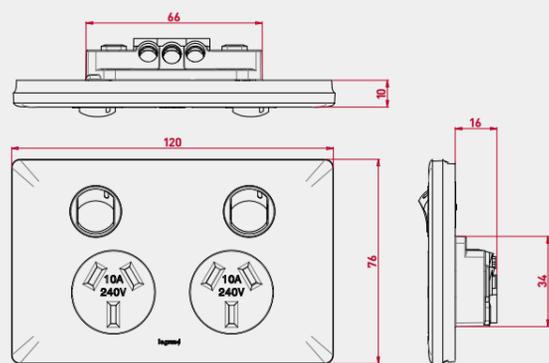
Cut-out dimensions



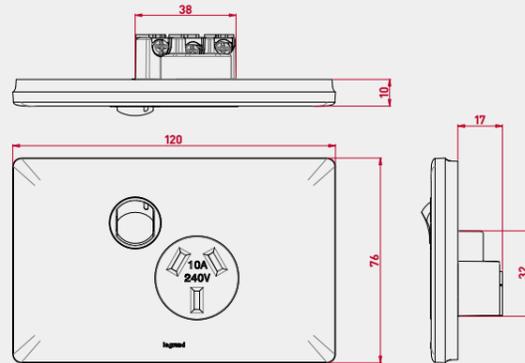
Cut-out dimensions



Product dimensions



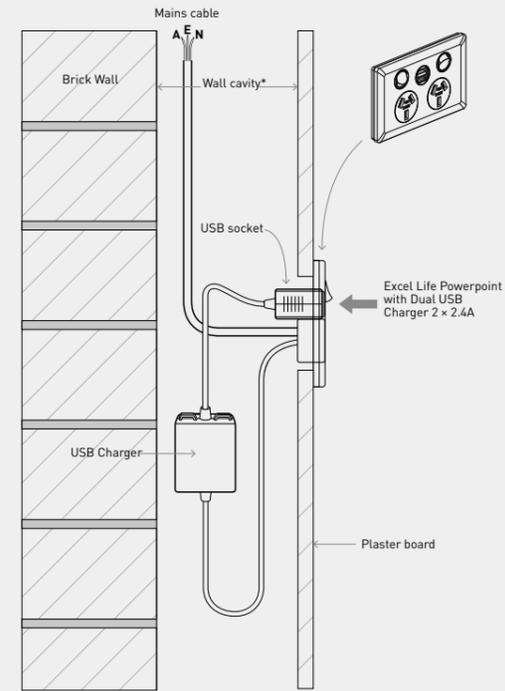
Product dimensions



Note:  
Cut-out dimensions for other devices are 96mm x 56mm

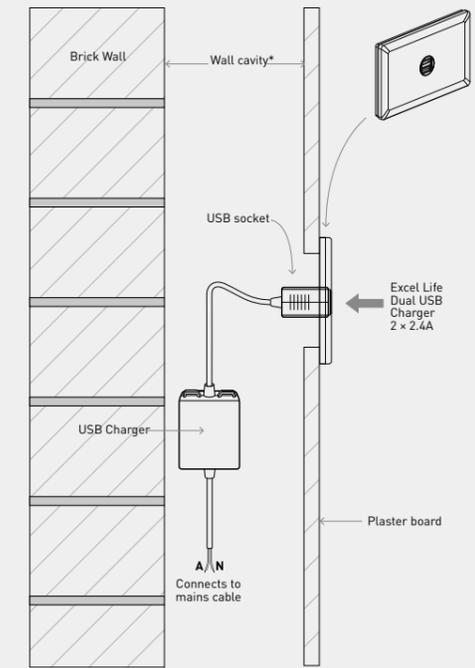
USB Chargers installation details

Installation in plasterboard – USB Powerpoint



e.g. ED777USB2PSAWE

Installation in plasterboard – USB Charger



e.g. EMUSB2PSAWE + ED770/1GPLWE

Disclaimer: The information provided in this document is intended for informational purposes only has been prepared and reviewed with all reasonable care, believed to be correct at the time of printing. Legrand Australia and New Zealand may also make improvements and/or changes in the products, pricing and/or programs described in this information at any time without notice.



Legrand Australia  
Building 4, Nexus Industry Park  
43-47 Lyn Pde Prestons NSW 2170  
1300 369 777  
[www.legrand.com.au](http://www.legrand.com.au)

Legrand New Zealand  
106-124 Target Road Glenfield  
Auckland 0627 New Zealand  
0800 476 009  
[www.legrand.co.nz](http://www.legrand.co.nz)