



ZUCCHINI DISTRIBUTION FUSE BOARD TAP-OFF

ZUCCHINI

Global strength

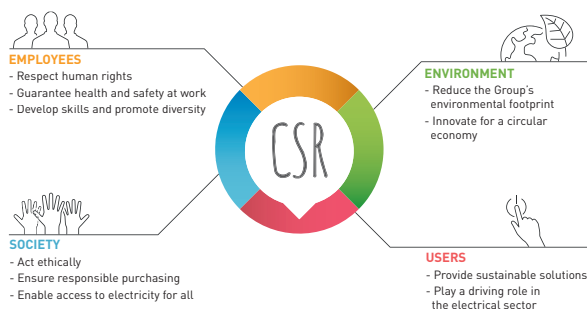
built on local knowledge

Legrand is the global specialist in electrical and digital building infrastructures. Innovation is the driving force behind its development.

With an increasing investment in research and development (circa 5% of sales) and more than 4,000 active patents, the Legrand Group is focused on maintaining a high rate of new product launches that present innovative solutions to the market.

CORPORATE SOCIAL RESPONSIBILITY

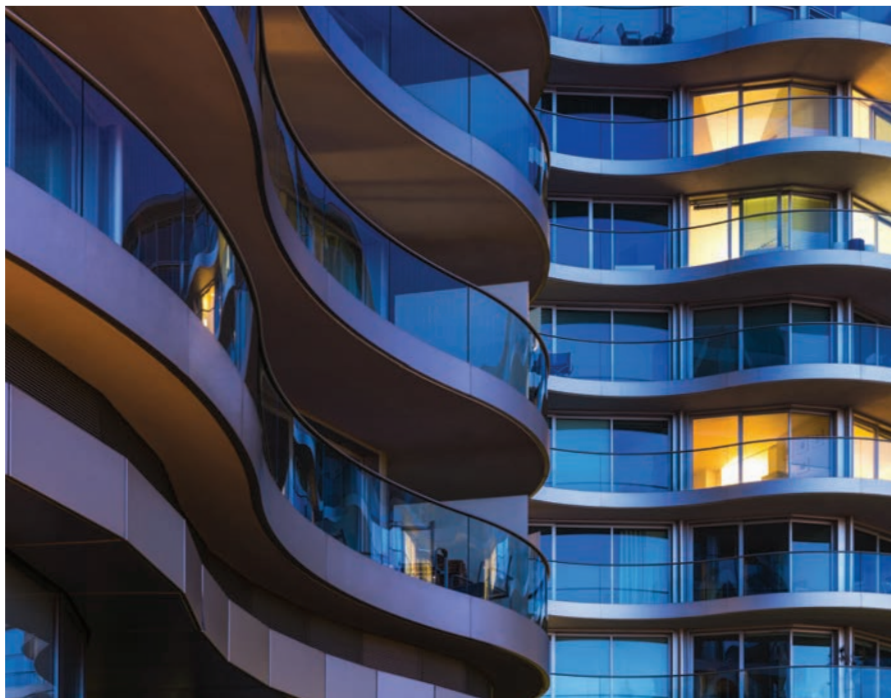
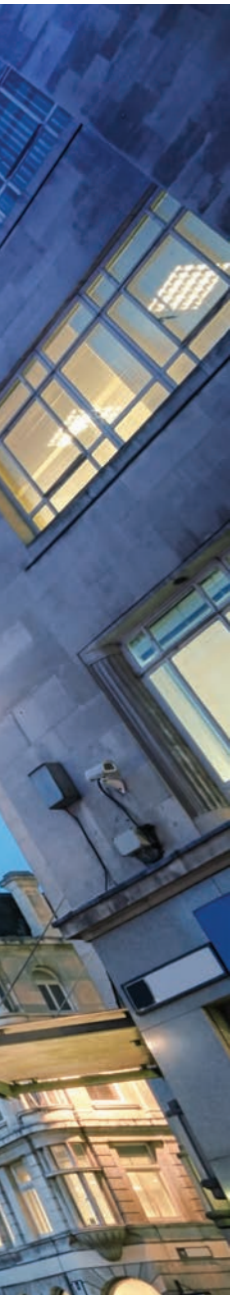
Legrand's 2014-2018 CSR roadmap is a natural extension to the governance and sustainable development approach in which the company has been engaged for many years. The CSR roadmap firmly asserts Legrand's ongoing commitment to sustainable development.



LEGRAND'S POWER DISTRIBUTION BUSINESS UNIT

From Zucchini transformers, through high power distribution and rising main busbar to Electrak powertrack, desk modules and lighting control, Legrand's power distribution business unit provides market leading solutions to the increasing demands of today's buildings.





Zucchini overview	02
MR busbar	04
Distribution fuse board tap-off	06
Ordering & technical information	08

CONTENTS



ZUCCHINI

the specialist in busbar systems

A leading name in busbar power distribution systems, Zucchini continues to strengthen its position within the industrial and commercial markets whilst developing innovative solutions for the residential sector.

Zucchini busbar is manufactured in state-of-the-art production facilities, including one of the most technically advanced aluminium plating processing units in Europe. These exceptional manufacturing capabilities enable Legrand to offer a fully tested range of products that are superior in terms of quality and design.

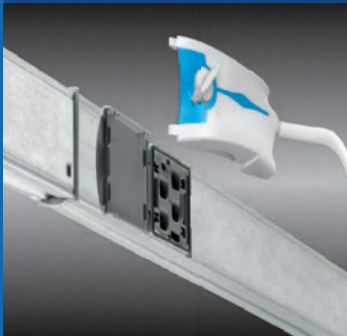
All Zucchini busbar trunking systems are certified to IEC EN 61439-6 by third party test houses CESI/RINA and are manufactured in accordance with ISO 9001 : 2008 quality standards.





An extensive range...

The Zucchini range of prefabricated busbars is one of the most comprehensive on the market, ranging from 25 A lighting through to 6300 A high power systems. Zucchini busbar is widely used for power distribution in industrial, commercial and high rise residential applications.



LB PLUS - LOW POWER BUSBAR SYSTEM

LB PLUS is the range of Zucchini busbars designed for electrical distribution within low power applications.

It offers simplicity, high performance and easy installation and can meet all lighting and power demands from 25 A to 63 A.



MR - MEDIUM POWER BUSBAR SYSTEM

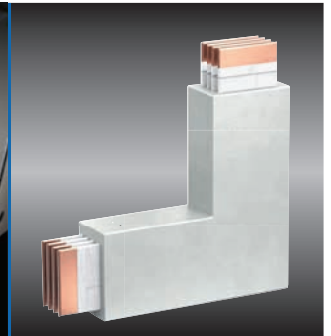
Zucchini medium power busbars offer speed, simplicity and flexibility during planning and installation. MR offers the perfect solution for rising mains up to 1000 A and is ideal for commercial and high rise residential applications.



SCP - HIGH POWER BUSBAR SYSTEM

SCP is the Zucchini busbar range used for the transportation and distribution of high power.

Ranging from 630 A to 6300 A the dimensions of super compact and its 'sandwich' construction enhance resistance to short circuit stresses.



RCP IP68 - RESIN BUSBAR

RCP is made to meet the demands of extreme environments. It can be used indoors or outdoors and provides high levels of mechanical strength, chemical resistance, ingress and impact protection, and continuity of service in the event of fire.

To find out more visit www.legrand.co.uk

ZUCCHINI MR - MEDIUM RATING BUSBAR

The perfect power distribution solution for commercial and high rise residential buildings

MR is available with aluminium or copper conductors and has a large range of tap-off boxes including the new distribution fuse board. Tap-offs range from 16 to 1000 A, allowing the supply and protection of a wide range of loads using devices such as fuses, MCBs and MCCBs.



Lowering lifetime installation costs

MR features a monobloc electrical jointing system. The shearhead bolt on the monobloc allows for fast assembly of the run and guarantees long-term reliability and safety.

As well as being quick to install, Zucchini MR busbar is easy to upgrade if existing installations need to be modified. The vast choice of elbows, tees and other accessories make any configuration possible, with bespoke solutions also available on request.

Trunking lengths are available in single and double sided versions, and with either 4 or 5 conductors

Tap-off boxes are available empty or pre-fitted with circuit breakers and meters

System is certified to IEC EN 61439-6, the international standard for busbar trunking systems

Pre-installed joint covers guarantee mechanical rigidity and maintain IP 55 protection



SWITCHBOARD -
TRANSFORMER FEED
UNIT



HORIZONTAL ELBOW



VERTICAL ELBOW



TAP-OFF BOXES

ZUCCHINI

Distribution fuse board tap-off

The space saving solution that meets the demands of high rise residential developments



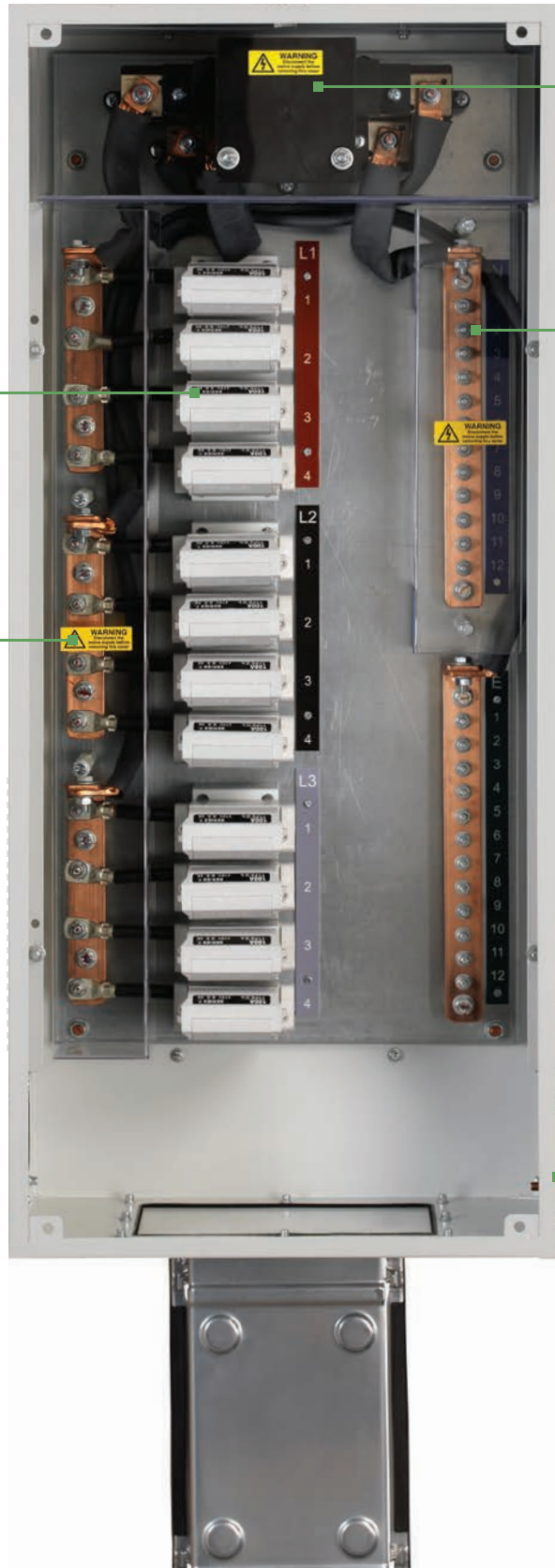
COMPACT IN DESIGN, UNIQUE IN FUNCTIONALITY

The latest addition to Zucchini's impressive tap-off collection is designed to save space and time on site. It is an all-in-one tap-off and distribution board for cut-out fuses, where apartments can be individually isolated safely while the board remains live. Plugging directly onto the busbar, it eliminates the need for separate tap-offs and wall mounted fuse boards.



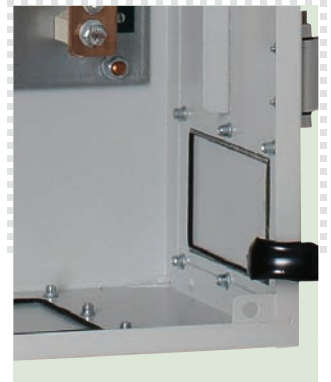
Able to feed up to 12 individual apartments

Fully shrouded for safe isolation during operation



Plug-in solution, saving installation time on site

Quality design with generous space for wiring



Gland plates fitted on either side and in the base for easy cable exit

distribution fuse board tap-offs for Zucchini MR busbar

R-type and J-type cut-out fuse carriers

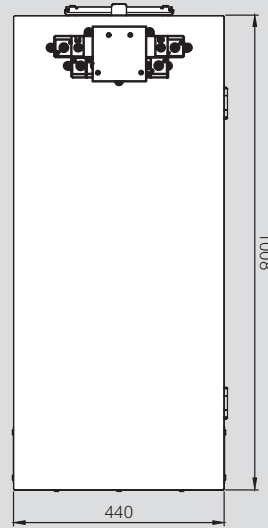


Plug-in tap-offs for the Zucchini MR busbar system
 Fully shrouded to allow individual fuses to be removed while board remains live
 Space saving, tap-off mounts directly onto the rising main busbar
 Supplied with base and side access gland plates for cable exit
 Type tested to BS EN 61439 / IEC 61439 parts 1 and 6
 Fuse-link type BS 88-3

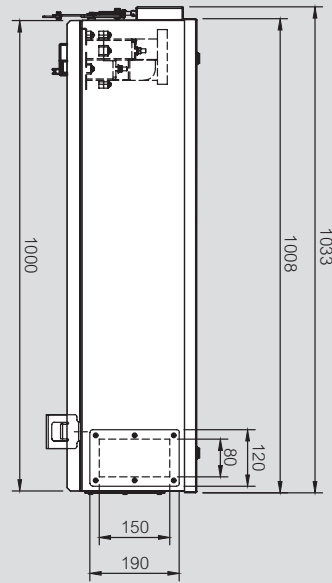
Pack	Cat. Nos.	With R-type fuse carriers
1	50414R3SP100	100 A max. single pole fuse carriers Fuses not included MR/MRF 3 way metal tap-off
1	50414R6SP100	MR/MRF 6 way metal tap-off
1	50414R9SP100	MR/MRF 9 way metal tap-off
1	50414R12SP100	MR/MRF 12 way metal tap-off
With J-type fuse carriers		
1	50414J3TP250	250 A max. triple pole fuse carriers Fuses not included MR/MRF 3 way metal tap-off

■ Dimensions

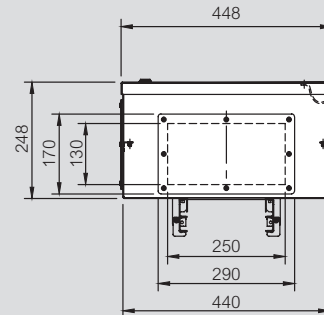
Front view – 12-way and 9-way R-type



Side view – 12-way and 9-way R-type



Bottom view – 12-way and 9-way R-type

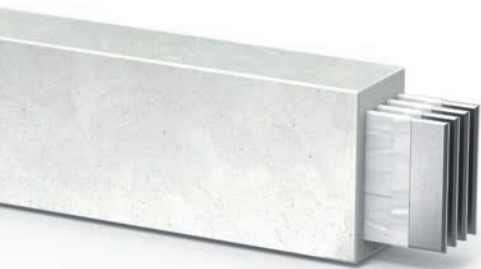


All dimensions (mm) are nominal

IP68 RCP RESIN busbar trunking



RCP resin busbar, made to meet the demands of extreme environments



With an ingress protection rating of IP68 and ranging from 630 A to 6300 A, RCP is ideal for the distribution of high power energy in external environments.

RCP is manufactured with either aluminium or copper conductors which are completely embedded

in an epoxy resin, that provides mechanical strength and electrical insulation.

RCP resin busbar has good performance in fire conditions and exceeds the requirements stipulated in IEC 60331-1 : 2009 for continuity of service in the event of fire.



Green T.HE high efficiency transformers

quality through to the core



EdM transformers are renowned for quality. Manufactured within a state-of-the-art production facility with attention to detail being paramount, each transformer undergoes rigorous testing prior to despatch.

Legrand has many years experience in the production of dry transformers cast under vacuum in epoxy resin up to 36 kV. The 'GreenT.HE' range of high efficiency transformers conforms to IEC 60076-11 and EU regulation 548/2014.



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