



POWERED FOR EXCELLENCE

HEAVY DUTY



CATALOGUE
PAGES
INSIDE

THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES



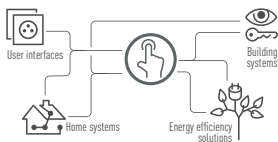
THE LEGRAND GROUP

A GLOBAL PLAYER

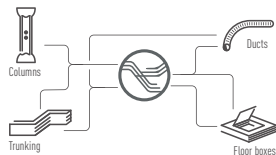
Legrand is the global specialist in electrical and digital building infrastructures. The group offers a comprehensive range of solution and services tailored to residential, commercial and industrial applications. The scope of its offering and its leading positions make Legrand a worldwide benchmark.

4 KEY AREAS OF EXPERTISE

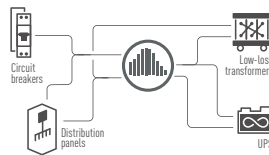
CONTROL AND COMMAND



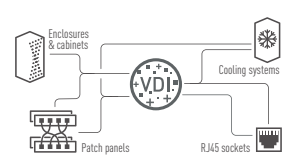
CABLE MANAGEMENT



ENERGY DISTRIBUTION



DIGITAL INFRASTRUCTURE



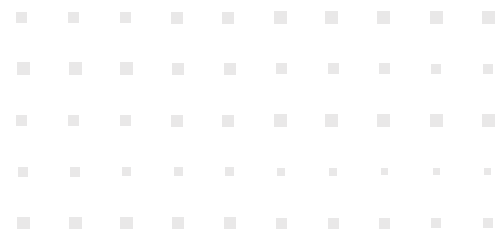
TURNOVER
NEARLY
€6.6 BILLION
IN TOTAL SALES IN
2019

MORE THAN
36,000 EMPLOYEES

INNOVATION
4.8% OF 2018
SALES
INVESTED
IN R&D

A WIDE CHOICE
OF SOLUTIONS
OVER
230,000
CATALOGUE
ITEMS

80 PRODUCT
FAMILIES
SALES IN MORE THAN
80 COUNTRIES



WHO WE ARE

TRUSTED BRAND OVER
30 YEARS

ISO CERTIFIED
ISO 9001:2015

Quality Management System

ISO 14001:2015

Environmental Management Systems

WORLD CLASS FACILITIES

ON EXTRUSION
& INJECTION

including tooling, testing and latest
production technology such as compounding,
on-line and off-line finishing, down-stream
engineering and packaging

BUILD-UP AREA OF
85,000 SQFT
ON A 120,000 SQFT LAND

INTERNATIONAL PRESENCE OVER
13 COUNTRIES

LEGRAND MALAYSIA



MEGAPOWER LEGRAND

Megapower was established in 1990 to serve and provide quality PVC cable management system and wiring accessories. We started production of a variety of high quality unplasticised polyvinyl (uPVC) products in its state-of-the-art factory, located in Selangor, 25KM away from Kuala Lumpur, Malaysia.

In 2011, a joint venture between Megapower and Legrand was formed marking a new association between two well-known brands in the industry. The association of two companies provided a stronger base expertise of one-stop solutions to serve the construction and electrical utilities.

HD

Heavy Duty
442112

Mechanical Protection
for durability against
compression and Impact
forces compliances to
IEC 61386-21

CONDUIT TESTED

for Excellence

COMPRESSION TEST

Endurability of
compressive load over
1250N.



IMPACT TEST

Resilience to impact
forces over 2kg mass
of hammer with fall
height of 300mm



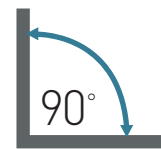
NON-FLAME PROPAGATION

flame extinguished
immediately after the
source of the flame
is removed.



ABLE TO FORM 90 DEGREE

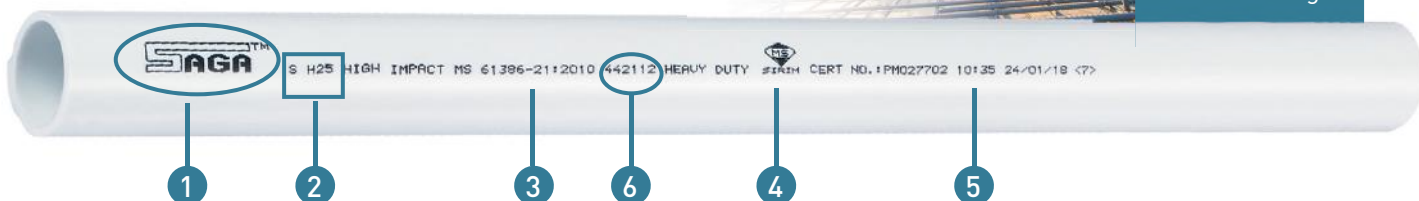
with the aid
of bending spring



HIGH INTERNATIONAL QUALITY STANDARD

SAGA is independently tested to meet the intended design and wiring application as stipulated by international standard IEC 61386 - 21

Delivers Heavy
Duty performance
with time
saving & lower
installation
costs for high
rise building



- 1 Manufacturer and/or Brand name identification
- 2 Product Code
- 3 Compliance with International Standard IEC 61386-21
- 4 Sirim marking & certification number
- 5 Exact date and time of manufacture for easy tracking

- 6
 - 4- Compression rating (Rating 4 = Heavy Duty)
 - 4- Impact rating (Rating 4 = Heavy Duty)
 - 2- Min. Serving Temperature (Rating 2 = -5 °C)
 - 1- Max. Serving Temperature (Rating 1 = +60 °C)
 - 1- Bending resistance (Rating 1 = Rigid)
 - 2- Electrical Characteristic (Rating 2 = With electrical insulating characteristics)



ONE BRAND FOR ALL SOLUTIONS

Over 10 product ranges (conduits, fittings, trunking, MCB boxes etc) for over hundreds products. Your ultimate & ideal partner for all electrical solution where purchases & logistic are easily integrated.



ALWAYS MEET YOUR EXPECTATIONS

Selective range of Saga product' has been approved by Jabatan Kerja Raya (JKR), the primary technical agency of the Malaysian government on public projects. Besides that, stringent quality control and testing are employed for the International Electrotechnical Commission (IEC) 61386-21 Standard certification, which is the International Standard used for Conduit Systems for Cable Management. The manufacturing facility has also been awarded with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management Systems certifications.



PROVEN RELIABILITY FOR 30 YEARS OF SUCCESSFUL PROJECTS

The most recognized uPVC conduit solution provider in Malaysia that constantly strives for the best quality and services with many reputable successful project references.

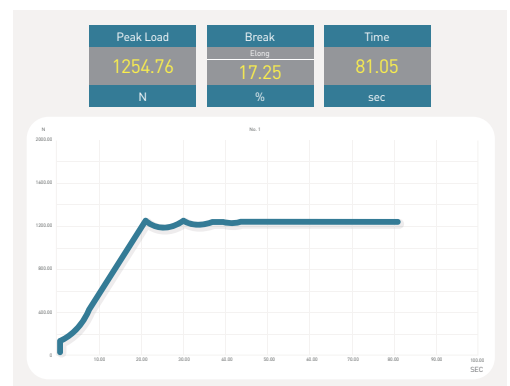


HEAVY-DUTY SAVE TIME ON INSTALLATION

Our product are tested under heavier conditions than the normative for an over performing quality that always guarantees time saving for you.



Impact Test



HIGH IMPACT HEAVY DUTY uPVC CONDUIT AND FITTINGS



High Impact Heavy Duty uPVC Conduit



QTY/ PACK	CAT. NOS	SIZE (mm)	LENGTH (m)	COLOR
50	ES H16	16	2.9	W/O
50	ES H20	20	2.9	W/O
50	ES H25	25	2.9	W/O
25	ES H32	32	2.9	W/O
20	ES H40	40	2.9	W/O
15	ES H50	50	2.9	W/O

Terminal One Way Box



QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISCB 20-1	20	65	W/O
100	ISCB 25-1	25	65	W/O
100	ISCB 32-1	32	75	W
100	* ISCB 20-1+N	20	65	W/O
100	* ISCB 25-1+N	25	65	W/O

*with nut.

Intersection Four Way Box



QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISCB 20-4	20	65	W/O
100	ISCB 25-4	25	65	W/O
100	ISCB 32-4	32	75	W
100	* ISCB 20-4+N	20	65	W/O
100	* ISCB 25-4+N	25	65	W/O

*with nut.

Through Two Way Box



QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISCB 20-2	20	65	W/O
100	ISCB 25-2	25	65	W/O
100	ISCB 32-2	32	75	W
100	* ISCB 20-2+N	20	65	W/O
100	* ISCB 25-2+N	25	65	W/O

*with nut.

U, Y, H Way Box (Ø 65 mm)



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISCB 20-U	20	W
100	ISCB 20-Y	20	W
100	ISCB 20-H	20	W

Angle Two Way Box



QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISCB 20-2A	20	65	W/O
100	ISCB 25-2A	25	65	W/O
100	ISCB 32-2A	32	75	W
100	* ISCB 20-2A+N	20	65	W/O
100	* ISCB 25-2A+N	25	65	W/O

*with nut.

Lid Cover (Screw Type) (Ø 65 mm)



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISLC	20&25	W

Tee Three Way Box



QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISCB 20-3	20	65	W/O
100	ISCB 25-3	25	65	W/O
100	ISCB 32-3	32	75	W
100	* ISCB 20-3+N	20	65	W/O
100	* ISCB 25-3+N	25	65	W/O

*with nut.

Protector Cover (Clip Type)



QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISPC	20&25	65	W/O
100	ISPC 32	32	75	W

Color = W-White, O-Orange



FITTINGS

Inspection Tee



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISIT 20	20	W/O
100	ISIT 25	25	W/O

Coupling



QTY/ PACK	CAT. NOS.	SIZE (mm)	COLOR
100	ISC 20	20	W/O
100	ISC 25	25	W/O
100	ISC 32	32	W
100	ISC 40	40	W
100	ISC 50	50	W

Inspection Bend



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISIB 20	20	W/O
100	ISIB 25	25	W/O

Female Adaptor



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISFA 20	20	W/O
100	ISFA 25	25	W/O
100	OSFA 32	32	W

Inspection Elbow



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISIE 20	20	W/O
100	ISIE 25	25	W/O

Bar Saddle



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISBS 20	20	W/O
100	ISBS 25	25	W/O
100	OSBS 32	32	W

Solid Bend



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ESSB 32	32	W
100	ESSB 40	40	W
100	ESSB 50	50	W

Spring Clip Saddle



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISSCS 20	20	W
100	ISSCS 25	25	W
100	ISSCS 32	32	W

Extension Ring (Ø 65 mm)



QTY/ PACK	CAT. NOS	HEIGHT (mm)	COLOR
100	ISER-L	25	W
100	ISER-H	38	W
100	ISER-H50	50	W

Plain Saddle



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISPS 20	20	W
100	ISPS 25	25	W

FITTINGS

Dome Cover



SDC



SDC-C

QTY/ PACK	CAT. NOS	SIZE (mm)	DIAMETER (mm)	COLOR
100	ISDC 20	20	65	W
100	ISDC 25	25	65	W
100	ISDC-C 20	20	65	W/O
100	ISDC-C 25	25	65	W/O

Angle Floor Box (Metal)



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	MSAFB-1M	3"x3"	1 Gang	W
50	MSAFB-2M	3"x6"	2 Gang	W
50	MSAFB-3M	3"x7"	2x1 Gang	W

Reducer



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISR 20	25-20	W/O
100	ISR 32	32-25	W

Angle Floor Box (Polycarbonate)



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	*ISAFB-1	3"x3"	1 Gang	W
50	*ISAFB-2	3"x6"	2 Gang	W
50	*ISAFB-3	3"x7"	2x1 Gang	W

* Unbreakable Polycarbonate Version available upon request

Surface Mounting Box



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISSMB-1	3"x3"	1 Gang	W
50	ISSMB-2	3"x6"	2 Gang	W
50	ISSMB-3	3"x7"	2x1Gang	W
40	ISSMB-4	3"x10"	3x1Gang	W
30	ISSMB-5	3"x13"	4x1Gang	W

Blank Plate



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	*ISBP-1-HD	3"x3"	1 Gang	W
100	*ISBP-2-HD	3"x6"	2 Gang	W

* HD = Heavy Duty

Partition Box



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISPB-1	3"x3"	1 Gang	W
50	ISPB-2	3"x6"	2 Gang	W
50	ISPB-3	3"x7"	2x1Gang	W

Concealed Box Cover



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISKBC-1	3"x3"	1 Gang	W
100	ISKBC-2	3"x6"	2 Gang	W



Color = W-White, O-Orange

FITTINGS

Concealed Box



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISKOB-1	3"x3"	1 Gang	W/O
50	ISKOB-2	3"x6"	2 Gang	W
50	ISKOB-3	3"x7"	2x1Gang	W/O
100	* ISKOB-1A+N	3"x3"	1 Gang	W
50	* ISKOB-2+N	3"x6"	2 Gang	W

* with nut

Connectable Concealed Box



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISKOB-1C	3"x3"	1Gang	W
100	ISKOB-1C-H (50 mm)	3"x3"	1Gang	W

Adjustable Concealed Box



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISKOB-1A	3"x3"	1 Gang	W
50	ISKOB-3A	3"x7"	2x1 Gang	W

Vertical Concealed Box



QTY/ PACK	CAT. NOS	SIZE (INCH)	TYPE	COLOR
100	ISKOB-1V	3"x3"	1 Gang	W

Fan Regulator Board



QTY/ PACK	CAT. NOS	WXH (mm)	COLOR
50	ISFRB 410	97 x 225	W

Meter Block



QTY/ PACK	CAT. NOS	WXH (mm)	COLOR
25	ISMB 910	250 x 225	W

Heavy Duty Earth Chamber



ISEC-HD

QTY/ PACK	CAT. NOS	LxWxH (mm)	COLOR
1	* ISEC-HD	245 x 245 x210	B

*HD= Heavy Duty

*Able To Withstand 8 Tons Loading

Earth Tape Clip



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISETC	25x3	BR

CORRUGATED CONDUIT AND FITTINGS



Corrugated Conduits



QTY/ PACK	CAT. NOS	SIZE (mm)	LENGTH (m)	COLOR
7	ESCC 16	16	50	W/O/B
3	ESCC 32	32	25	W/O/B
3	ESCC 40	40	25	W/O/B
1	ESCC 50	50	25	W/O/B

Corrugated Conduits (Non flame propagation)



QTY/ PACK	CAT. NOS	SIZE (mm)	LENGTH (m)	COLOR
7	ESCC 20	20	50	W/O/B
7	ESCC 25	25	50	W/O/B

Corrugated Conduit Adaptor (Clip Type)

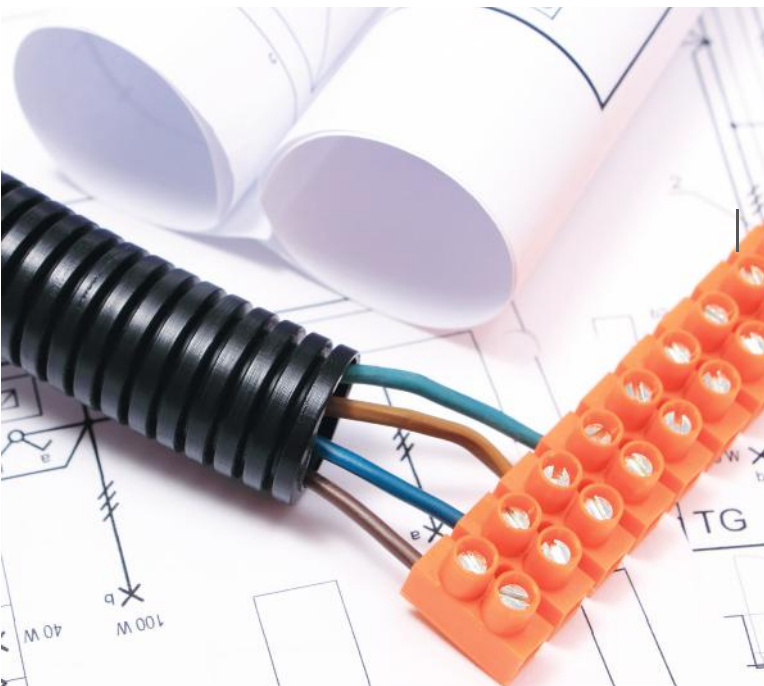


QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISCCA-C 20	20	W/O/B
100	ISCCA-C 25	25	W/O/B

Corrugated Conduit Adaptor (Screw Type)



QTY/ PACK	CAT. NOS	SIZE (mm)	COLOR
100	ISCCA 20	20	W/O/B
100	ISCCA 25	25	W/O/B



Discover more of SagaGreentech for complete lead free Heavy Duty uPVC conduits solution.

Color = W-White, O-Orange, B-Black



Wiring
Protection



Easy
Maintenance



Safe
Installation



Cost
Saving



Fast
Installations

WEATHERPROOF ENCLOSURE BOX IP66 & JUNCTION BOX IP44

Weatherproof Enclosure & Junction Box IP44



- ABS thermoplastic
- IP66 Dust/weatherproof
- High impact strength
- Temperature range from -5°C ~ +70°C
- Chemical resistance to aqueous acids, alkalis, seawater, concentrated phosphoric & hydrochloric acid
- Polycarbonate version available upon request
- Transparent Cover are made of Unbreakable Polycarbonate Material
- Other color available upon MTO request
- * ISJB 331 - Junction Box IP44

QTY/ PACK	CAT. NOS	LxW (INCH)	LxWxH (mm)	COLOR
150	ISEB 442	4x4	110 x110x60	G/T
90	ISEB 444	4x4	110x110x110	G/T
72	ISEB 643	6x4	155x115x80	G/T
50	ISEB 644	6x4	155x115x110	G/T
42	ISEB 863	8x6	215x150x80	G/T
30	ISEB 864	8x6	215x150x110	G/T
36	ISEB 883	8x8	215x215x80	G/T
28	ISEB 884	8x8	215x215x110	G/T
20	ISEB 1084	10x8	250x200x110	G/T
14	ISEB 1086	10x8	250x200x160	G/T
12	ISEB 1296	12x9	310x230x145	G/T
9	ISEB 15127	15x12	390x310x180	G/T
4	OSEB 18155	18x15	465x385x140	G
*120	ISJB 331	3x3	80x80x40	G

Index of protection Degrees of protection provided by enclosures for electrical equipment (IP code)

According to standards: IEC 60529, BS EN 60529 and NF EN 60529

1 st digit: protection against solid foreign objects			2 nd digit: protection against ingress of water			Additional letter: protection against access to hazardous parts		
IP	tests	protection	IP	tests	protection	IP	tests	protection
0		No protection	0		No protection			
1		Protected against solid bodies larger than 50 mm	1		Protected against vertically-falling drops of water (condensation)	A		The back of the hand remains remote from dangerous parts
			2		Protected against drops of water falling at up to 15° from the vertical			
2		Protected against solid bodies larger than 12.5 mm	3		Protected against drops of rain water at up to 60° from the vertical	B		The dangerous parts can not be touched when introducing a finger
			4		Protected against projections of water from all directions			
3		Protected against solid bodies larger than 2.5 mm	5		Protected against jets of water from all directions	C		The dangerous parts can not be touched when introducing a tool (eg a screwdriver)
			6		Protected against jets of water of similar force to heavy seas			
4		Protected against solid bodies larger than 1 mm	7		Protected against the effect of immersion	D		The dangerous parts can not be touched when introducing a wire
5		Protected against dust (no harmful deposit)	8		Protected against prolonged effects of immersion under pressure			
6		Completely protected against dust	9		Protected against high pressure and temperature water jets			

(1) In accordance to ISO 20653

Color = G-Grey, T-Transparent cover

MINI, MODULAR, ROUND & TELEPHONE TRUNKING

Mini Trunking



QTY/ PACK	CAT. NOS	WxH (mm)	LENGTH (m)	COLOR
160	* ESMT 1020	20x10	1.83	W
120	* ESMT 1327	27x13	1.83	W
120	* ESMT 1330	30x13	1.83	W
80	* ESMT 1640	40x16	1.83	W
80	* ESMT 2040	40x20	1.83	W
60	* ESMT 1650	50x16	1.83	W

* Length: 2m available upon request

Modular Trunking



QTY/ PACK	CAT. NOS	WxH (mm)	LENGTH (m)	COLOR
40	* ESMT 3250	50x32	1.83	W
25	* ESMT 5550	50x55	1.83	W
20	* ESMT 5575	75x55	1.83	W
15	* ESMT 55100	100x55	1.83	W
12	* ESMT 75100	100x75	1.83	W
2	ESMT 100100	100x100	2.00	W
2	ESMT 100150	150x100	2.00	W
2	OSMT 55200	200x55	2.00	W
2	OSMT 100200	200x100	2.00	W

* Length: 2m available upon request

2 Compartment Trunking



QTY/ PACK	CAT. NOS	WxH (mm)	LENGTH (m)	COLOR
10	OSMT 2C 2040-2M	40x20	2.00	W
10	OSMT 2C 2060-2M	60x20	2.00	W
10	OSMT 2C 3280-2M	80x32	2.00	W

Rectangular Telephone Trunking - 38mm Height



QTY/ PACK	CAT. NOS	DUTY	LENGTH (m)	WxH (mm)	THICKNESS (mm)	COLOR
10	ESUFD 232H	VHD	2.9	50x38	3.2	W
10	ESUFD 332H	VHD	2.9	75x38	3.2	W
10	ESUFD 432H	VHD	2.9	100x38	3.2	W

VHD: Very heavy duty

3 Compartment Trunking



QTY/ PACK	CAT. NOS	WxH (mm)	LENGTH (m)	COLOR
10	OSMT 3C 40100	100x40	2.00	W

Trapezoidal Telephone Trunking



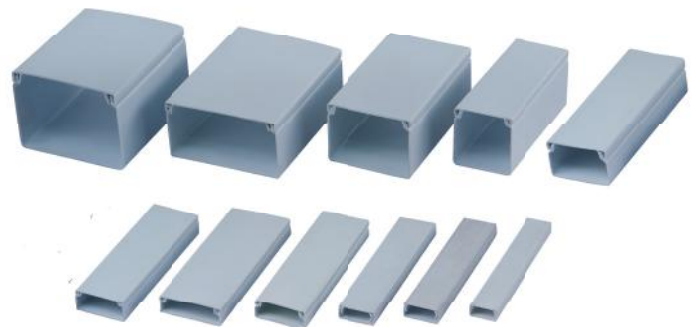
QTY/ PACK	CAT. NOS	DUTY	LENGTH (m)	WXH (mm)	THICKNESS (mm)	COLOR
10	ESUFDT 225	VHD	2.9	50x25	2.5	W
10	ESUFDT 332	VHD	2.9	75x25	3.2	W
10	ESUFDT 432	VHD	2.9	100x25	3.2	W

VHD: Very heavy duty

Round Duct



QTY/ PACK	CAT. NOS	WxH (mm)	LENGTH (m)	COLOR
10	ESRD 30	30x8	2.00	G
10	ESRD 50	50x13	2.00	G
10	ESRD 70	70x15	2.00	G
2	ESRD 90	90x22	2.00	G
2	ESRD 120	120x30	2.00	G



*Other color available upon MTO request

Color: W- White, G-Grey



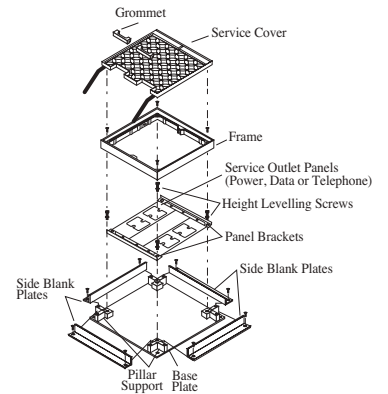
UNDERFLOOR SERVICE & JUNCTION BOX

UnderFloor Service box



QTY/ PACK	CAT. NOS	SIZE LxWxH (mm)	NO. OF COMPART- MENT	MAX TRUNKING ENTRY (WxH) (mm)	COVER RECESS (mm)
5	MSSB6 250/A	250x250x65	3	225x25	6
5	MSSB9 250/A	250x250x65	3	225x25	9
4	MSSB9 300/A	300x300x65	3	275x25	9

*Other loose accessories and sizes of vertical access box are available upon request

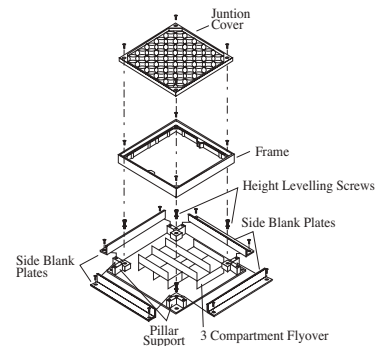


UnderFloor Junction box



QTY/ PACK	CAT. NOS	LxWxH (mm)	NO. OF COMPART- MENT	MAX TRUNKING ENTRY (WxH) (mm)	COVER RECESS (mm)
5	MSJB6 250/A	250x250x65	3	225x25	6
5	MSJB9 250/A	250x250x65	3	225x25	9
4	MSJB9 300/A	300x300x65	3	275x25	9

*Other loose accessories and sizes of vertical access box are available upon request

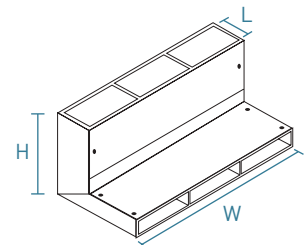


UnderFloor Vertical Access Box



QTY/ PACK	CAT. NOS	LxWxH (mm)	NO. OF COMPART- MENT	MAX TRUNKING ENTRY (WxH) (mm)
1	MSVAB 100/1	50x100x150	1	100x25
1	MSVAB 100/2	50x100x150	2	100x25
1	MSVAB 225/3	50x225x150	3	225x25
1	MSVAB 300/3	50x300x150	3	300x25

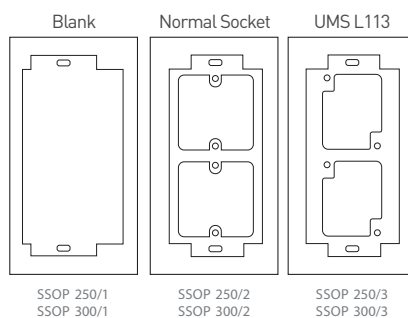
*Other loose accessories and sizes of vertical access box are available upon request



UnderFloor Switch Socket Outlet Plate (SSOP)



QTY/ PACK	CAT. NOS	DESCRIPTION	SIZE (LxW)	SOC KET TYPE
1	MSSOP 250/1	Blank Plate	230x80	Blank Plate
1	MSSOP 250/2	1 Gang Normal Switch Socket	230x80	Normal Socket
1	MSSOP 250/3	1 Gang UMS Mini Switch Socket	230x80	UMS L113 / MK
1	MSSOP 300/1	Blank Plate	280x90	Blank Plate
1	MSSOP 300/2	1 Gang Normal Switch Socket	280x90	Normal Socket



COVER TYPE: 3A- ALUMINIUM



ZM-SC SG-V1