DETA

Trade Product Catalogue 2018/2019

DETA

Trade

Product Catalogue 2018/2019

A time to celebrate

This year Deta Electrical has every reason to celebrate as the company reaches its 60th anniversary.

CELEBRATING 60 YEARS OF DETA 1958 - 2018

Managing Director Gerry Barnett commented:
"We are very proud to be celebrating throughout 2018 as Deta Electrical marks a very special milestone – our 60th anniversary. We are keen to celebrate our history, from our inception in London in 1958, to establishing Slimline as the number one specification of choice, and to the success of our ever-growing trade business today. I would like to thank our valued customers for their continued support and our staff for their dedicated hard work. Our goal for the future is to stay at the forefront of the industry, maintain our position as a high-quality manufacturer of wiring and electrical accessories and continue to invest in product development to meet the requirements of the modern market."

WELCOME TO THE 2018/2019 TRADE CATALOGUE

In this issue, we showcase a number of our market leading ranges and introduce a number of new products and ranges which complement and extend the Deta product offer.

Deta's **Vimark Metalclad** range is the latest addition to the Vimark family. With a striking appearance, front plates that fit flush to the back box, gently curving rockers and discrete neon indicators, Vimark Metalclad has a durable and tough finish that stands up to arduous duty in virtually any environment. **See pages 34-39.**

VIMARK METALCLAD

Deta's new **USB Sockets** offer 4.0A high speed charging across 3 USB ports and use IC technology to detect connected devices and optimise charging. The new USB socket is ideal for kitchens, lounges, bedrooms and offices and is now available in the **Vimark Curve**, **Vimark Evo** and **Vimark Metalclad** ranges.

USB SOCKETS

Deta's new **Spectra** range of slim profile **LED Surface Luminaires** incorporate high performance LED chips, ensuring uniform light output and instant illumination to areas of passage. Suitable for all interior applications, the range is comprised of a standard, microwave sensor, emergency and emergency microwave fitting and is available in white or chrome finishes. **See page 70.**

SURFACE LUMINAIRES

Deta's range of **Slim LED Floodlights** have a stylish glass diffuser and a slim profile aluminium casing design, combining design and performance. Available in 10W, 20W, 30W and 50W in black or white and with or without an adjustable PIR. **See page 71.**

LED FLOODLIGHTS

Contents

Vimark 4-13

Socket Outlets 6
Round Pin Sockets 6
Plate Switches 7
Architrave Switches 7
Dimmer Switches 8
Accessories 8
Connection Units 9
20A Double Pole Switches 9
50A Double Pole Switches 10
Cooker Control Units 10
Shaver Socket 11
Telephone Outlets 11
TV Outlets 12
Blank & Flex Connection Plates 12
Data Plates & Modules 13

Vimark Curve 14-23

Socket Outlets 16
USB Charging Socket Outlets 16
Round Pin Socket Outlet 17
Plate Switches 17
Dimmer Switches 18
Accessories 18
Connection Units 19
20A Double Pole Switches 19
50A Double Pole Switches 20
Cooker Control Units 20
Shaver Socket 21
Telephone Outlets 21
TV Outlets 21
Blank & Flex Connection Plates 22
Data Plates 22
Modules 23

Vimark Evo 24-33

Socket Outlets 26
USB Charging Socket Outlets 26
Round Pin Socket Outlet 27
Plate Switches 27
Dimmer Switches 28
Accessories 28
Connection Units 29
20A Double Pole Switches 29
50A Double Pole Switches 30
Cooker Control Units 30
Shaver Socket 31
Telephone Outlets 31
TV Outlets 31
Blank & Flex Connection Plates 32
Data Plates 32
Modules 33

Vimark Metalclad 34-39

Socket Outlets 36
USB Charging Socket Outlets 36
Plate Switches 36
Connection Units 37
20A Double Pole Switches 37
50A Double Pole Switches 38
Blank Plates 38
Back Boxes 38
Data Plates 39
Modules 39

Gridswitch 40-53

Vimark Frontplates 42
Vimark Curve Frontplates 43
Vimark Evo Frontplates 44
Vimark Metalclad Frontplates 45
10A Switch Modules – Single Pole 46
20A Switch Modules – Single Pole 46
20A Switch Modules – Double Pole 47
Switch Modules - Engraved – Double Pole 48
Switch Modules with Neon – Engraved – Double Pole 48
Key Switch Modules 49
Dimmer Modules 50
Accessories 50
Neon Modules 51
Grid Frames 51
Back Boxes 52
Selection Chart 53

Ceiling Accessories 54-57

Ceiling Rose and Lampholder 56
Standard Pendants 56
Pendant and Battens with Decorator Cover 56
Safety Pendant and Battens with Decorator Cover 57
Battens 57
Ceiling Switches 57

Boxes 58-61

Vimark Pattress Boxes 59
Vimark Curve Pattress Boxes 59
Dry Lining Boxes 60
Metal Boxes 61

Ventilation 62-67

Axial Fans 64
Flat Fascia Axial Fans 64
Low Voltage Axial Fans 65
Shower Fans 65
Flexible Ducting, Fixing Kits and External Grilles 66
Hand Dryers 67

Lighting 68-73

Spectra LED Surface Luminaire 70
Shaver Light 70
Slim LED Floodlights 71
Bulkhead & PIR Detectors 72
Photocells 73

Electrospares 74-77

Tough Plugs 75
Round Pin Plugs 75
Adaptors 75
Trailing Sockets 76
Connector Boxes and Strips 76
Earthing Box 76
Junction Boxes 77
TV Accessories 77

Contents

Cable 78-81

Satellite Cable	79
RG59 CCTV Co-Axial Cable	79
Alarm Cable	80
CW1308 Telephone cable	80
Data Cable	81
Speaker Flex and Bell Wire	81

Deta TTE 82-93

Technical Specification & Standards	83
Class 4 Conduit	84
Boxes Malleable	85-86
Couplers, Bends & Tees	87
Covers, Nipples & Adaptors	88
Bushes, Locknuts & Lockrings	89
Saddles & Crampets	90
Adaptable Boxes	91
Stocks Dies & Guides	92
Conduit Bender	92
SWA Brass Cable Glands	93

Technical Information 94-103

Back Box Reference Table	94-96
Terminal Capacity	97
Mounting Box Knockouts	97
Lamphold 'T' Rating	98
Engraving	98
Dimmers	99-100
TV Systems	101
Wiring Circuits	102
IP Ratings	103

Index 104-108

Vimark

Vimark is a long established and widely acclaimed range of high quality white moulded wiring accessories.

Offering a comprehensive range of products, **Vimark** is suitable for new homes where a conventional look is desirable, older retrofit installations and commercial environments.

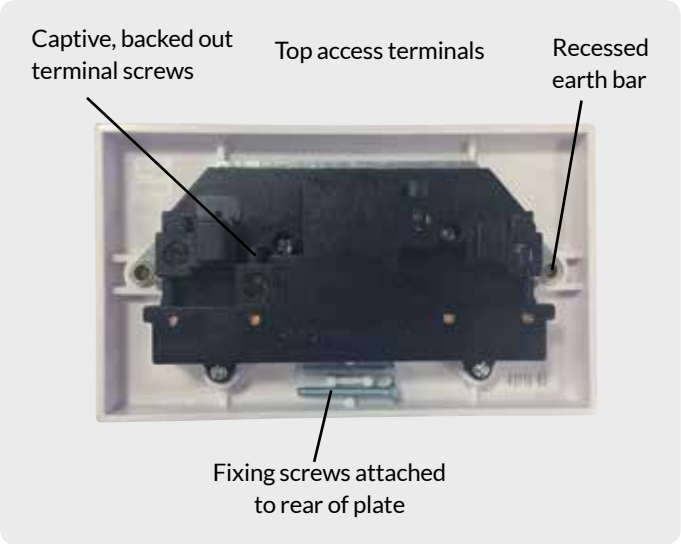
Products in the **Vimark** range are guaranteed for 10 years (2 years for electronic products).

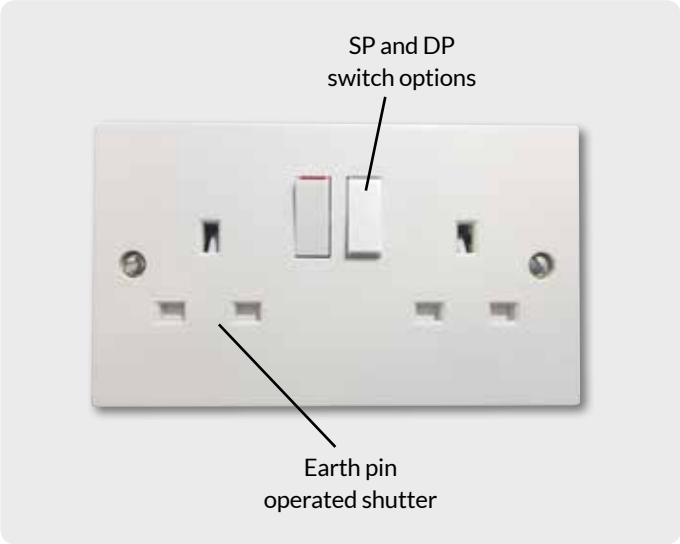
Product Features

Vimark is manufactured from high quality materials under strict production control conditions, ensuring that it meets our exact requirements.

Sockets are available with either single or double pole switches. Live and neutral plug pin contacts on sockets are shielded by earth pin operated safety shutters. Fixing screws are attached to the rear of the front plate for easy access.

To ensure safe installation, the earth bar on the sockets is recessed to prevent accidental contact.





Contents

Socket Outlets	6	50A Double Pole Switches	10
Round Pin Sockets	6	Cooker Control Units	10
Plate Switches	7	Shaver Socket	11
Architrave Switches	7	Telephone Outlets	11
Dimmer Switches	8	TV Outlets	12
Connection Units	9	Blank & Flex Connection Plates	12
20A Double Pole Switches	9	Data Plates & Modules	13

Socket Outlets

- Twin earth terminals on 2 gang switched sockets
- Red flagged switch indicator
- In compliance with BS 1363: Part 2
- 10-year guarantee

Unswitched - 13 Amp

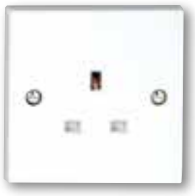
V1206	1 gang unswitched
V1208	2 gang unswitched

Single Pole - 13 Amp

V1207S	1 gang switched
V1207R	1 gang switched with recessed switch
V1209S	2 gang switched
V1209R	2 gang switched with recessed switches

Double Pole - 13 Amp

V1207SDP	1 gang switched
V1207DPP*	1 gang switched with neon
V1209SDP	2 gang switched
V1209DPP*	2 gang switched with neon

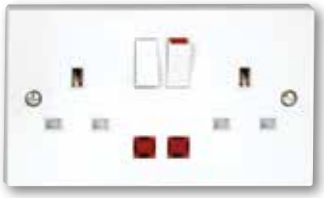


V1206

V1209S

V1207R

V1209SDP



V1209DPP

Back Boxes
Minimum recommended depth

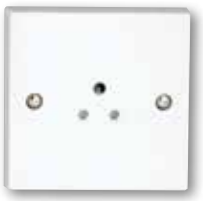
	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	V1221
2g	DB163	DB2541	V1223

Round Pin Socket Outlets

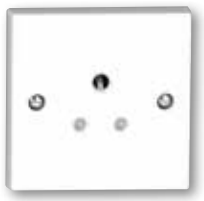
- Earth pin operated safety shutters
- In compliance with BS 546
- 10-year guarantee

Unswitched

V1330*	2A unswitched
V1331	5A unswitched
V1332*	15A unswitched



V1330



V1331

V1332

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	V1221

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Optional cord outlet (V1247)
- In compliance with BS EN 60669-1
- 10-year guarantee

10 Amp

V1202	1 gang 1-way
V1203	1 gang 2-way
V1204	2 gang 2-way
V1205	3 gang 2-way
V1244	4 gang 2-way
V1245	6 gang 2-way
V1246	Intermediate

V1203

V1204

V1244

10 Amp Press

V1249	2-way press switch 'PRESS'
V1249B*	1-way press switch bell symbol

V1249B

10 Amp 3 Pole Fan Isolator

V1247	3 pole fan isolator

V1247

Back Boxes

Minimum recommended depth

	flush 16mm	dry lining 35mm	surface 16mm
1-3g	DB152	DB2540	V1220/E

	flush 25mm	dry lining 35mm	surface 25mm
4-6g	DB163	DB2541	V1223

Architrave Switches

- In compliance with EN 60669-1
- 10-year guarantee

10 Amp

V1321	1 gang 2-way
V1322*	2 gang 2-way

10 Amp Press

V1323	2-way press switch 'PRESS'

Blank

V1326	1 gang

V1321

V1322

V1323

V1326

Back Boxes

Minimum recommended depth

	flush 27mm	dry lining 35mm	surface 16mm
1g	DB169	N/A	V1324
2g	N/A	N/A	V1325

*Special order product, minimum order quantity and lead time applies

Dimmer Switches

- Universal dimmers suitable for use with dimmable LED lamps (requiring leading or trailing edge control), incandescent lamps or low voltage lamps
- Clear terminal markings
- Push on / off dimmers are suitable for 2W circuits
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-2-1, BS 55014-1, BS 55014-2
- 2-year guarantee

Universal Dimmers

V1255 1 gang 2-way, 250W, LED: 5-100W
V1256 2 gang 2-way, 250W, LED: 5-100W

V1255

V1256

Back Boxes
Minimum recommended depth

	flush 35mm	dry lining 35mm	surface 35mm
V1253	DB164	DB2540	V1222
V1254	DB164	DB2540	V1222

Accessories

Spares

SP0004WH Dimmer knobs (Pack of 10) - white

Longer Length Fixing Screws

SP0001CH 50mm length (Pack of 10) - chrome
SP0003CH 75mm length (Pack of 10) - chrome

SP0001CH

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Connection Units

- Lockable fuse carrier for safety isolation
- Engraving available to order
- Neon versions available
- Captive fuse carrier
- Optional flex outlet
- Twin earth terminals
- In compliance with BS 1363: Part 4
- 10-year guarantee

13 Amp Unswitched

V121013	Unswitched spur
V1210P1	Unswitched spur with neon

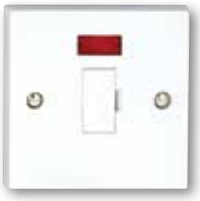
13 Amp Switched

V1211	Switched spur
V1212	Switched spur with neon

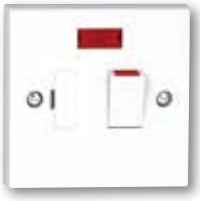
3 Amp Unswitched

V121003*	Unswitched spur - 3A fuse
V1210P3*	Unswitched spur with neon - 3A fuse

V121013


V1210P13

V1211


V1212

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	V1221

20A Double Pole Switches

- Red flagged switch indicator
- Engraving available to order
- Neon versions available
- Optional flex outlet
- Twin brass earth terminals
- In compliance with BS EN 60669-1
- 10-year guarantee

20 Amp

V1213	Switch
V1213WH*	Switch 'WATER HEATER'
V1214	Switch with neon
V1214WH	Switch with neon 'WATER HEATER'
V1218P	Dual switch with neon

V1213

V1213WH

V1214

V1214WH

V1218P

Back Boxes
Minimum recommended depth

	flush 35mm	dry lining 35mm	surface 35mm
1g	DB164	DB2540	V1222

*Special order product, minimum order quantity and lead time applies

50A Double Pole Switches

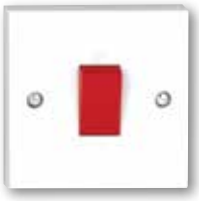
- Engraving available to order
- Neon versions available
- Twin brass earth terminals
- In compliance with BS EN 60669-1
- 10-year guarantee

50 Amp

V1300 Switch with red rocker
V1300P Switch with red rocker and neon

50 Amp Tall

V1301 Tall switch with red rocker
V1301P Tall switch with red rocker and neon


V1300

V1300P

V1301

V1301P

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm	surface 46mm
1g	DB167	DB2542	V1228
2g	DB168	DB2543	V1229

Cooker Control Units

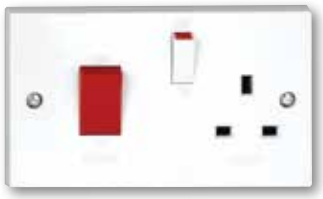
- 45 Amp Red rocker switch indicator
- Neon versions available
- Twin brass earth terminals
- In compliance with BS 4177: Part 4
- 10-year guarantee

45 Amp Cooker Control Units

V1302 45A switch with red rocker + 13A switched socket
V1302P 45A switch with red rocker and neon + 13A switched socket and neon

45 Amp Cooker Cable Outlet

V1217 45A Cooker cable outlet


V1302

V1302P

V1217

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm	surface 46mm
1g	DB167	DB2542	V1228
2g	DB168	DB2543	V1229

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Shaver Socket

- Dual voltage outlet
- Neon indicator
- In compliance with BS 61558
- 2-year guarantee

Shaver Socket

V1305 Dual voltage with neon

V1305

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm
2g	DB168	DB2543

Telephone Outlets

- Screw terminals
- Oftel approved to NS/G/23/L/100005
- Surface mounted outlet dimensions 67 x 67mm, with pattress box
- 2-year guarantee

Surface Mounted

V1350 Single master with pattress box
V1351 Single secondary with pattress box

Flush Mounted

V1352 Single master
V1353 Single secondary
V1354 RJ11

V1350

V1352

V1354

Back Boxes
Minimum recommended depth

	flush 16mm	dry lining 35mm	surface 16mm
1g	DB162	DB2540	V1221

TV Outlets

- Suitable for standard co-axial BS 3041 connectors
- 2-year guarantee

TV Outlets

V1268	Co-axial non-isolated
V1264	Co-axial isolated
V1265	TV and FM/DAB diplexer
V1266	TV and F type

V1264

V1265

V1266

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	V1221

Blank and Flex Connection Plates

- Dual terminals of live, neutral and earth on 20A/25A flex connection plates
- In compliance with BS 5733 where applicable
- 10-year guarantee

Blank Plates

V1200	1 gang
V1201	2 gang
V1326	1 gang Architrave

Flex Connection Plates

V1215 20A flex outlet price
- central cord outlet with optional bottom entry
- three pairs of terminals
- cord grip

V1216 25A flex outlet price
- optional bottom entry
- three pairs of terminals
- cord grip

V1217 45A cooker cable outlet

V1200

V1201

V1215

V1217

Back Boxes - for Flex Connection Plates
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	V1221

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Data Plates and Modules

- Accepts standard 50x25 modules
- Full range of power, TV and data and TV modules
- 25-year guarantee for power modules
- 2-year guarantee for USB charging, data and TV modules

Data Plates

V1362 Two module
V1364 Four module

V1362

V1364

Power Modules

S1446* 13A socket - white
S1447* 16A 250V German socket - white
S1448* 15A 125V American socket - white
S1449* 16A 250V French socket - white

Back box must be 35mm deep

S1446

S1448

S1449

USB Charging Module

S1445 USB charging outlet - 2 x 1A - white

Back box must be 35mm deep

S1445

Blanks/Brush Modules

S1425 Brush cable outlet - 2 module - white
S1428 Blank - 1/2 module - white
S1429 Blank - 1 module - white

S1425

S1428WH

S1429WH

Telephone Modules

S1430 Single master - white
S1431 Single secondary - white
S1432 RJ11 - white

S1430WH

S1431WH

S1432WH

S1433WH

S1434WH

Data Modules

S1433 RJ45 - white
S1434 Cat 6 - white

TV Modules

S1435 Co-axial male - white
S1436 Co-axial female "return" - white
S1442 Co-axial female "TV" - white
S1437 F Type - white
S1438 TV and FM/DAB diplexer - white
S1439 TV, FM/DAB and Satellite triplexer - white
S1440 TV, FM/DAB and Satellite quadplexer - white
S1441 HDMI - white

S1435WH

S1436WH

S1442WH

S1437WH

S1438WH

S1439WH

S1440WH

S1441WH

Modules also available in black.
Please add suffix BK to catalogue no. e.g. S1428BK

Power Modules need to be installed in accordance with the current edition of the wiring regulations (BS7671 IET Wiring Regulations).

ELV Modules and Power Modules must not be mixed in the same compartment.

*Special order product, minimum order quantity and lead time applies

Vimark Curve

Vimark Curve is a modern and contemporary range of white moulded accessories, combining style and simplicity to blend seamlessly into the décor of any domestic or commercial building.

Vimark Curve offers a comprehensive range of accessories, including Universal Dimmers, high output USB sockets and matching gridswitch and data plates, all of which feature a smooth, curved profile front plate and rocker design.

Products in the **Vimark Curve** range are guaranteed for 25 years (2 years for electronic products).

DETA

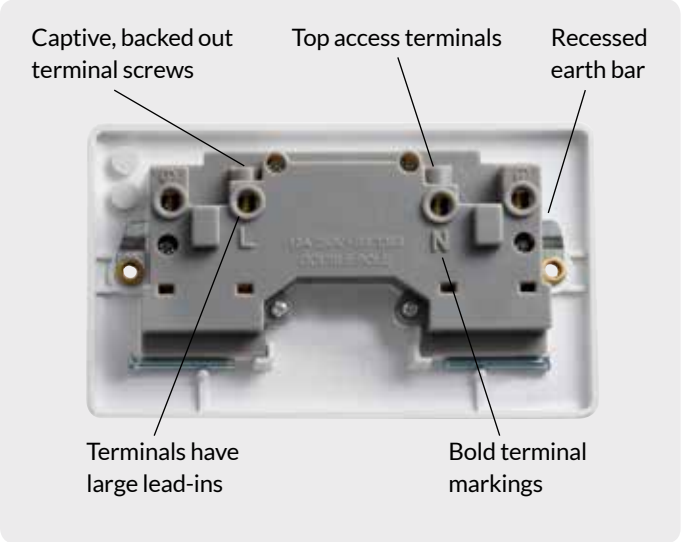
t: 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Product Features

Vimark Curve is designed with the installer in mind. The back of the accessories feature bold terminal markings making it easier to identify the terminals, particularly in dark conditions on site. Terminals on sockets are top facing and have a large lead-in with captive, backed out terminal screws to aid cable installation. Recessed ribs on the back of the plates provide for a flush fit to a mounting box.

To ensure safe installation, the earth bar on the sockets is recessed to prevent accidental contact and all plates incorporate soft edges to avoid damaging cable insulation.

All accessories are supplied with fixing screw caps and neon lenses are discreet to provide for a neat installation.



Contents

Socket Outlets & USB Sockets	16	Cooker Control Units	20
Round Pin Sockets	17	Shaver Socket	21
Plate Switches	17	Telephone Outlets	21
Dimmer Switches	18	TV Outlets	21
Connection Units	19	Blank & Flex Connection Plates	22
20A Double Pole Switches	19	Data Plates	22
50A Double Pole Switches	20	Modules	23

Socket Outlets

- Top facing terminal screws
- Bold terminal markings
- Recessed earth bar
- Captive and backed out terminals
- Single and double pole switched versions
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 1363: Part 2
- 25-year guarantee

Unswitched - 13 Amp

VC1206 1 gang unswitched
VC1208 2 gang unswitched

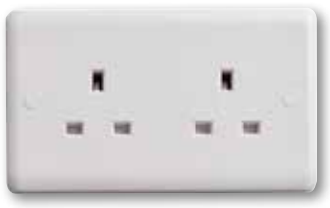
Single Pole - 13 Amp

VC1207S 1 gang switched
VC1207R* 1 gang switched with recessed switch
VC1209S 2 gang switched
VC1209R* 2 gang switched with recessed switches

Double Pole - 13 Amp

VC1207SDP 1 gang switched
VC1207DPP* 1 gang switched with neon
VC1209SDP 2 gang switched
VC1209DPP* 2 gang switched with neon

VC1206


VC1208

VC1207S

VC1209R

VC1207SDP

VC1209DPP

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221
2g	DB163	DB2541	VC1223

USB Charging Socket Outlet

- VC1298 USB ports deliver up to 3.4A (2.4A + 1A) simultaneous charging current across 2 ports
- VC1298 fits Deta 35mm flush metal and dry lining boxes
- VC1298 supplied with optional 10mm spacer to fit 25mm boxes
- VC1299 USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- VC1299 uses auto IC technology to detect connected devices and provide optimised high-speed charging
- VC1299 fits Deta 25mm flush metal and 35mm dry lining boxes
- In compliance with BS 1363:Part 2
- 2-year guarantee

Single Pole - 13 Amp + 4.0A USB

VC1299 2 gang switched and 3 USB charging points – **NEW**

Double Pole - 13 Amp + 3.4A USB

VC1298 2 gang switched and 2 USB charging points

VC1299

VC1298

Back Boxes
Minimum recommended depth

	flush 25mm	flush 35mm	dry lining 35mm	surface 46mm
2g	DB162	DB165	DB2541	VC1229

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Round Pin Socket Outlet

- Top facing terminal screws
- Bold terminal markings
- Earth pin operated safety shutters
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 546
- 25-year guarantee

Unswitched

VC1331 5A unswitched

VC1331

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without re-rating
- Bold terminal markings
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

10 Amp

VC1202 1 gang 1-way
VC1203 1 gang 2-way
VC1204 2 gang 2-way
VC1205 3 gang 2-way
VC1244 4 gang 2-way
VC1245 6 gang 2-way
VC1246 Intermediate

VC1202

VC1203

VC1204

VC1205

10 Amp Press

VC1249 2-way press switch 'PRESS'
VC1249B 1-way press switch bell symbol

VC1244

VC1245

10 Amp 3 Pole Fan Isolator

VC1247 3 pole fan isolator

VC1246

VC1247

VC1249

VC1249B

Back Boxes
Minimum recommended depth

	flush 16mm	dry lining 35mm	surface 16mm
1-3g	DB152	DB2540	V1220
1-4g	DB163	DB2541	V1223

*Special order product, minimum order quantity and lead time applies

Dimmer Switches

- Universal dimmers suitable for use with dimmable LED lamps (requiring leading or trailing edge control), incandescent lamps or low voltage lamps
- Clear terminal markings
- In compliance with BS EN 60669-2-1, BS55014-1, BS 55014-2
- 2-year guarantee

Universal Dimmers

VC1261	1 gang 2-way, 250W, LED: 5-100W
VC1262	2 gang 2-way, 250W, LED: 5-100W

VC1261

VC1262

Back Boxes

Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221

Accessories

Spares

S1419WH	Fixing Screw Caps (Pack of 100)
SP0004WH	Dimmer knobs (Pack of 10) - white

S1419WH

Longer Length Fixing Screws

SP0001CH	50mm length (Pack of 10) - chrome
SP0003CH	75mm length (Pack of 10) - chrome

SP0001CH

Connection Units

- Lockable fuse carrier for safety isolation
- Bold terminal markings
- Neon versions available
- Neon leads enclosed
- Captive fuse carrier
- 2 earth terminals
- Captive and backed out terminals
- Terminals have large lead-ins
- In compliance with BS 1363: Part 4
- 25-year guarantee

13 Amp Unswitched

VC1360 Unswitched spur
VC1361 Unswitched spur with neon
VC1364 Unswitched spur with bottom flex outlet

VC1360

VC1361

VC1364

13 Amp Switched

VC1370 Switched spur
VC1371 Switched spur with neon
VC1374 Switched spur with bottom flex outlet
VC1375 Switched spur with neon and bottom flex outlet

VC1370

VC1371

VC1374

VC1375

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221

20A Double Pole Switches

- Bold terminal markings
- Neon versions available
- Neon leads enclosed
- 2 earth terminals
- Flex outlet option available
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp

VC1390 Switch
VC1390WH Switch 'WATER HEATER'
VC1391 Switch with neon
VC1392 Switch with flex outlet
VC1392WH Switch with flex outlet 'WATER HEATER'
VC1393 Switch with neon and flex outlet
VC1218P Dual switch with neon

VC1390

VC1390WH

VC1391

VC1392

VC1392WH

VC1393

VC1218P

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221

50A Double Pole Switches

- Bold terminal markings
- Neon versions available
- Neon leads enclosed
- 2 earth terminals
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

50 Amp

VC1300 Switch with red rocker
VC1300P Switch with red rocker and neon

50 Amp Tall

VC1301 Tall switch with red rocker
VC1301P Tall switch with red rocker and neon

VC1300

VC1300P

VC1310

VC1310P

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm	surface 46mm
1g	DB167	DB2542	V1228
2g	DB168	DB2543	V1229

Cooker Control Units

- Bold terminal markings
- Neon versions available
- 2 earth terminals
- Terminals have large lead-ins
- In compliance with BS 4177
- 25-year guarantee

45 Amp Cooker Control Units

VC1302 45A switch with red rocker + 13A switched socket
VC1302P 45A switch with red rocker and neon + 13A switched socket and neon

45 Amp Cooker Cable Outlet

VC1217 45A Cooker cable outlet

VC1302

VC1302P

VC1217

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm	surface 46mm
1g	DB167	DB2542	V1228
2g	DB168	DB2543	V1229

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Shaver Socket

- Bold terminal markings
- Dual voltage outlet 240V/115V
- Neon indicator
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 61558
- 2-year guarantee

Shaver Socket

VC1305 Dual voltage with neon

VC1305

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm
2g	DB168	DB2543

Telephone Outlets

- Clear terminal markings
- IDC terminals on UK version
- Screw terminals on RJ11
- Oftel approved to NS/G/23/L/100005
- 2-year guarantee

Telephone Outlets

VC1352 Single master
VC1353 Single secondary
VC1354 Single RJ11

VC1352

VC1353

VC1354

TV Outlets

- Clear terminal markings
- Suitable for standard co-axial BS 3041 plugs
- 2-year guarantee

TV Outlets

VC1264 Single co-axial isolated
VC1265 TV and FM/DAB diplexer
VC1266 TV and F type
VC1340 TV, FM/DAB and Satellite triplexer

VC1264

VC1265

VC1266

VC1340

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221

Blank and Flex Connection Plates

- Dual terminal of live, neutral and earth on 25A flex connection plates
- In compliance with BS 5733
- 25-year guarantee

Blank Plates

VC1200 1 gang
VC1201 2 gang

Flex Connection Plates

VC1215 20A flex outlet price
- central cord outlet with optional bottom entry
- three pairs of terminals
- cord grip

VC1216 25A flex outlet price
- optional bottom entry
- three pairs of terminals
- cord grip

VC1217 45A Cooker cable outlet

VC1200

VC1201

VC1215

VC1216

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221

Data Plates

- Accepts standard 50x25mm modules
- Full range of power, TV and data modules available, see page 23
- 25-year guarantee

Data Plates

VC1421 One module
VC1422 Two module
VC1424 Four module

VC1421

VC1422

VC1424

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm	surface 25mm
1g	DB162	DB2540	VC1221
2g	DB163	DB2541	VC1223

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Modules

- 25-year guarantee for power modules
- 2-year guarantee for USB charging, data and TV modules

Power Modules

S1446* 13A socket - white
S1447* 16A 250V German socket - white
S1448* 15A 125V American socket - white
S1449* 16A 250V French socket - white

Back box must be 35mm deep

USB Charging Module

S1445 USB charging outlet - 2 x 1A - white

Back box must be 35mm deep

Blanks/Brush Modules

S1425 Brush cable outlet - 2 module - white
S1428 Blank - 1/2 module - white
S1429 Blank - 1 module - white

Telephone Modules

S1430 Single master - white
S1431 Single secondary - white
S1432 RJ11 - white

Data Modules

S1433 RJ45 - white
S1434 Cat 6 - white

TV Modules

S1435 Co-axial male - white
S1436 Co-axial female "return" - white
S1442 Co-axial female "TV" - white
S1437 F Type - white
S1438 TV and FM/DAB diplexer - white
S1439 TV, FM/DAB and Satellite triplexer - white
S1440 TV, FM/DAB and Satellite quadplexer - white
S1441 HDMI - white

S1446

S1448

S1449

S1445

S1425

S1428WH

S1429WH

S1430WH

S1431WH

S1432WH

S1433WH

S1434WH

S1435WH

S1436WH

S1442WH

S1437WH

S1438WH

S1439WH

S1440WH

S1441WH

Modules also available in black.
Please add suffix BK to catalogue no. e.g. S1428BK

Power Modules need to be installed in accordance with the current edition of the wiring regulations (BS7671 IET Wiring Regulations).

ELV Modules and Power Modules must not be mixed in the same compartment.

*Special order product, minimum order quantity and lead time applies

Vimark Evo

Vimark Evo is a sophisticated and stylish range of metal plate wiring accessories providing a smart and timeless finish for any domestic or commercial application.

Vimark Evo offers a broad range of accessories, available in polished Chrome or brushed Stainless Steel with a choice of White or Black inserts.

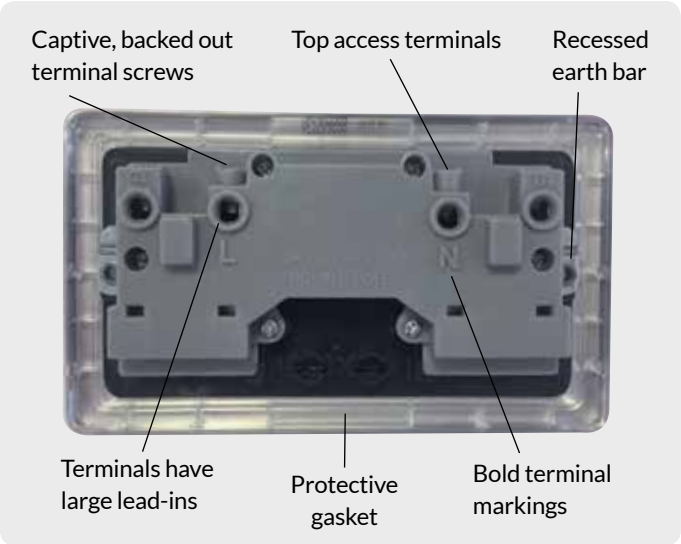
Products in the **Vimark Evo** range are guaranteed for 25 years (2 years for electronic products).

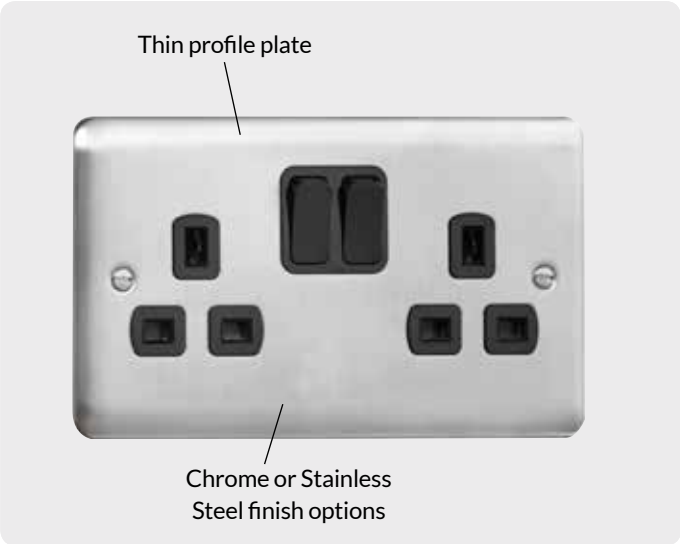
Product Features

Vimark Evo is designed with the installer in mind. The back of the accessories feature bold terminal markings making it easier to identify the terminals, particularly in dark conditions on site. Terminals on sockets are top facing and have a large lead-in with captive, backed out terminal screws to aid cable installation.

To ensure safe installation, the earth bar on sockets is recessed to prevent accidental contact and all plates incorporate soft edges to avoid damaging cable insulation.

All accessories are supplied with a fixed gasket to prevent the front plates from tarnishing.





Contents

Socket Outlets & USB Sockets	26
Round Pin Sockets	27
Plate Switches	27
Dimmer Switches	28
Connection Units	29
20A Double Pole Switches	29
50A Double Pole Switches	30
Cooker Control Units	30
Shaver Socket	31
Telephone Outlets	31
TV Outlets	31
Blank & Flex Connection Plates	32
Data Plates	32
Modules	33

Socket Outlets

- Black or white inserts available
- Top facing terminal screws
- Bold terminal markings
- Recessed earth bar
- Captive and backed out terminals
- 2 earth terminals on 2 gang sockets
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 1363: Part 2
- 25-year guarantee

Double Pole - 13 Amp

Chrome/Stainless Steel

VE1207CH 1 gang switched
VE1207SS

VE1209CH 2 gang switched
VE1209SS

VE1207CHW

VE1207SSB

VE1209CHW

VE1209SSB

Back Boxes
minimum recommended depth

	flush 35mm	dry lining 35mm
1g	DB164	DB2540
2g	DB165	DB2541

USB Charging Socket Outlets

- VE1298 USB ports deliver up to 3.4A (2.4A + 1A) simultaneous charging current across 2 ports
- VE1298 fits Deta 35mm flush metal and dry lining boxes
- VE1298 supplied with optional 10mm spacer to fit 25mm boxes
- VE1299 USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- VE1299 uses auto IC technology to detect connected devices and provide optimised high-speed charging
- VE1299 fits Deta 25mm flush metal and 35mm dry lining boxes
- In compliance with BS 1363:Part 2
- 2-year guarantee

Single Pole - 13 Amp + 4.0A USB

Chrome/Stainless Steel

VE1299CH 2 gang switched and 3 USB charging points – **NEW**
VE1299SS

Double Pole - 13 Amp + 3.4A USB

Chrome/Stainless Steel

VE1298CH 2 gang switched and 2 USB charging points
VE1298SS

VE1299SSB

VE1298CHW

Back Boxes
Minimum recommended depth

	flush 35mm	dry lining 35mm
2g	DB165	DB2541

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Round Pin Socket Outlet

- Black and white inserts available
- Top facing terminal screws
- Bold terminal markings
- Earth pin operated safety shutters
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 546
- 25-year guarantee

Unswitched

Chrome/Stainless Steel

VE1331CH 5A unswitched
VE1331SS

VE1331CHW

VE1331SSB

Back Boxes
Minimum recommended depth

	flush 35mm	dry lining 35mm
1g	DB164	DB2540

Plate Switches

- Black or white inserts available
- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Bold terminal markings
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

10 Amp

Chrome/Stainless Steel

VE1203CH 1 gang 2-way
VE1203SS

VE1204CH 2 gang 2-way
VE1204SS

VE1205CH 3 gang 2-way
VE1205SS

VE1244CH 4 gang 2-way
VE1244SS

VE1246CH Intermediate
VE1246SS

VE1203CHW

VE1204SSB

VE1205CHW

VE1244CHW

VE1244SSB

VE1246CHW

VE1247SSB

10 Amp 3 Pole Fan Isolator

Chrome/Stainless Steel

VE1247CH 3 pole fan isolator
VE1247SS

Back Boxes
minimum recommended depth

	flush 35mm	dry lining 35mm
1g	DB164	DB2540
2g	DB165	DB2541

Chrome and Stainless Steel finish available with either black or white inserts

When ordering, please indicate preference by adding suffix B or W at the end of the catalogue number

Dimmer Switches

- Universal dimmers suitable for use with dimmable LED lamps (requiring leading or trailing edge control), incandescent lamps or low voltage lamps
- Clear terminal markings
- Colour matched knobs
- In compliance with BS EN 60669-2-1, BS 55014-1, BS 55014-2
- 2-year guarantee

Universal Dimmers

Chrome/Stainless Steel

VE1261CH 1 gang 2-way, 250W, LED: 5-100W
VE1261SS

VE1262CH 2 gang 2-way, 250W, LED: 5-100W
VE1262SS

VE1261CH

VE1261SS

VE1262CH

VE1262SS

Back Boxes

Minimum recommended depth

	flush 25mm	dry lining 35mm
1g	DB162	DB2540

Accessories

Spares

Chrome/Stainless Steel

SP0004CH Dimmer knobs (pack of 10)
SP0004SS

Longer Length Fixing Screws

Chrome/Stainless Steel

SP0001CH 50mm length (pack of 10)
SP0001SS

SP0003CH 75mm length (pack of 10)
SP0003SS

SP0001CH

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Connection Units

- Black or white inserts available
- Lockable fuse carrier for safety isolation
- Captive fuse carrier
- Bold terminal markings
- Discreet neon versions
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals
- Terminals have large lead-ins
- In compliance with BS 1363: Part 4
- 25-year guarantee

13 Amp Unswitched
Chrome/Stainless Steel

VE1360CH Unswitched spur
VE1360SS

VE1361CH Unswitched spur with neon
VE1361SS

13 Amp Switched
Chrome/Stainless Steel

VE1370CH Switched spur
VE1370SS

VE1371CH Switched spur with neon
VE1371SS

VE1373CH Switched spur with neon and flex outlet
VE1373SS

VE1360CHW

VE1370SSB

VE1361CHW

VE1371CHW

VE1373SSB

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm
1g	DB164	DB2540

20A Double Pole Switches

- Black or white inserts available
- Bold terminal markings
- Discreet neon versions
- Neon leads enclosed
- 2 earth terminals
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp
Chrome/Stainless Steel

VE1390CH Switch
VE1390SS

VE1391CH Switch with neon
VE1391SS

VE1390CHW

VE1390SSB

VE1391CHW

VE1391SSB

Back Boxes
Minimum recommended depth

	flush 35mm	dry lining 35mm
1g	DB164	DB2541

Chrome and Stainless Steel finish available with either black or white inserts

When ordering, please indicate preference by adding suffix B or W at the end of the catalogue number

50A Double Pole Switches

- Black or white inserts available
- Grey font marking
- Bold terminal markings
- Colour coded terminals
- Neon versions available
- Neon leads enclosed
- 2 earth terminals
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee
- In compliance with BS EN 60669-1
- 25-year guarantee

50 Amp

Chrome/Stainless Steel

VE1300CH Switch with red rocker
VE1300SS

VE1300PCH Switch with red rocker and neon
VE1300PSS

VE1300CHW

VE1300PSSB

50 Amp Tall

Chrome/Stainless Steel

VE1301CH Tall switch with red rocker
VE1301SS

VE1301PCH Tall switch with red rocker and neon
VE1301PSS

VE1301CHW

VE1301PSSB

Back Boxes
minimum recommended depth

	flush 47mm	dry lining 46mm
1g	DB167	DB2542
2g	DB168	DB2543

Cooker Control Units

- Black or white inserts available
- Grey font marking
- Bold terminal markings
- 2 earth terminals
- Terminals have large lead-ins
- In compliance with BS 4177
- 25-year guarantee

45 Amp Cooker Control Units

Chrome/Stainless Steel

VE1302PCH 45A switch with red rocker and neon + 13A switched socket and neon
VE1302PSS

VE1302PCHW

VE1302PSSB

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Shaver Sockets

- Black or white inserts available
- Bold terminal markings
- Colour coded terminals
- Dual voltage outlet
- Output rating 115V or 240V
- Neon indicator
- Grey font marking
- 2 earth terminals
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 61558
- 2-year guarantee

Shaver Socket
Chrome/Stainless Steel
VE1305CH Dual voltage with neon
VE1305SS

VE1305CHW

VE1305SSB

Back Boxes
Minimum recommended depth

	flush 47mm	dry lining 46mm
2g	DB168	DB2543

Telephone Outlets

- Black or white inserts available
- Clear terminal markings
- IDC terminals on UK version
- Oftel approved to NS/G/23/L/100005
- 2-year guarantee

Telephone Outlets
Chrome/Stainless Steel
VE1352CH Single master
VE1352SS

VE1353CH Single secondary
VE1353SS

VE1352CHW

VE1353SSB

TV Outlets

- Black or white inserts available
- Clear terminal markings
- Suitable for standard co-axial BS 3041 plugs
- 2-year guarantee

TV Outlets
Chrome/Stainless Steel
VE1264CH Single co-axial isolated
VE1264SS

VE1265CH TV and FM/DAB diplexer
VE1265SS

VE1340CH TV, FM/DAB and Satellite triplexer
VE1340SS

VE1264CHW

VE1265SSB

VE1340CHW

Back Boxes
Minimum recommended depth

	flush 25mm	dry lining 35mm
1g	DB162	DB2540

Chrome and Stainless Steel finish available with either black or white inserts

When ordering, please indicate preference by adding suffix B or W at the end of the catalogue number

Blank Plates

- In compliance with BS 5733
- 25-year guarantee

Blank Plates
Chrome/Stainless Steel
VE1200CH 1 gang
VE1200SS

VE1201CH 2 gang
VE1201SS

VE1200CH

VE1200SS

VE1201CH

VE1201SS

Data Plates

- Black or white inserts available
- Accepts standard 50x25mm modules
- Full range of power, TV and data modules available, see page 33
- 25-year guarantee

Data Plates
Chrome/Stainless Steel
VE1421CH One module
VE1421SS

VE1422CH Two module
VE1422SS

VE1424CH Four module
VE1424SS

VE1421CH

VE1421SS

VE1422CH

VE1422SS

VE1424CH

VE1424SS

Back Boxes
minimum recommended depth

	flush 35mm	dry lining 35mm
1g	DB164	DB2540
2g	DB165	DB2541

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Modules

- 25-year guarantee for power modules
- 2-year guarantee for USB charging, data and TV modules

Power Modules

S1446* 13A socket - white
S1447* 16A 250V German socket - white
S1448* 15A 125V American socket - white
S1449* 16A 250V French socket - white

Back box must be 35mm deep

USB Charging Module

S1445 USB charging outlet - 2 x 1A - white

Back box must be 35mm deep

Blanks/Brush Modules

S1425 Brush cable outlet - 2 module - white
S1428 Blank - 1/2 module - white
S1429 Blank - 1 module - white

Telephone Modules

S1430 Single master - white
S1431 Single secondary - white
S1432 RJ11 - white

Data Modules

S1433 RJ45 - white
S1434 Cat 6 - white

TV Modules

S1435 Co-axial male - white
S1436 Co-axial female "return" - white
S1442 Co-axial female "TV" - white
S1437 F Type - white
S1438 TV and FM/DAB diplexer - white
S1439 TV, FM/DAB and Satellite triplexer - white
S1440 TV, FM/DAB and Satellite quadplexer - white
S1441 HDMI - white

Modules also available in black.
Please add suffix BK to catalogue no. e.g. S1428BK

Power Modules need to be installed in accordance with the current edition of the wiring regulations (BS7671 IET Wiring Regulations).

ELV Modules and Power Modules must not be mixed in the same compartment.

*Special order product, minimum order quantity and lead time applies

Vimark Metalclad

Vimark Metalclad has a striking appearance with frontplates that fit flush to the back box, gently curving rockers and discrete neon indicators.

Vimark Metalclad is designed to withstand everyday knocks and scrapes. The durable and tough finish is further enhanced by a superb protective coating to stand up to arduous duty in virtually any environment.

It is ideal for use in all commercial and light industrial applications such as workshops, factories, warehouses, laboratories and hospitals as well as domestic applications in lofts and garages.

Products in the **Vimark Metalclad** range are guaranteed for 25 years.

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

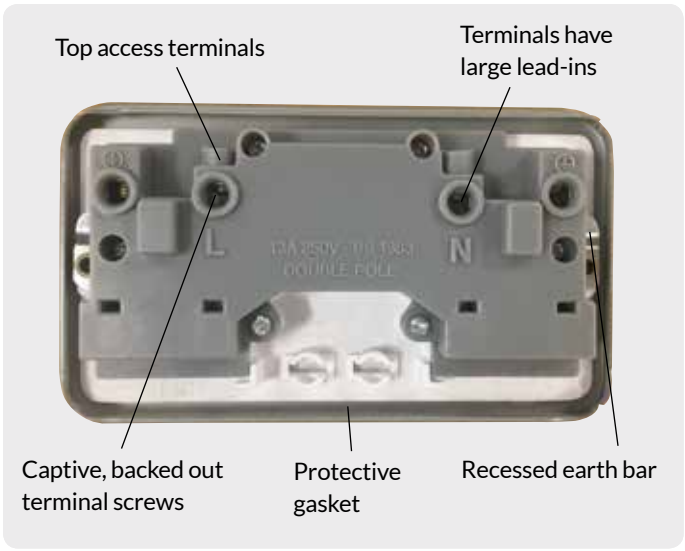
Product Features

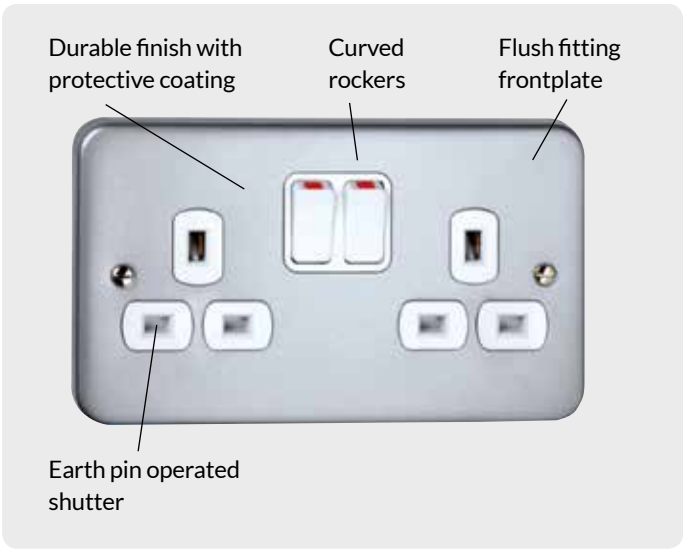
Vimark Metalclad products are packaged with the installer in mind. Each product is supplied with the frontplate in its own packaging, allowing the product to remain undamaged until required at second fix.

Installation could not be simpler, bold terminal markings make it easier to identify the terminals, particularly in dark conditions on site. Terminals on sockets are top facing and have a large lead-in with captive backed out terminal screws to aid cable installations.

20mm knockouts are provided on all sides and the rear of the back box and are flush to give a clean appearance. Product also available with mounting boxes without knockouts.

Every Product is supplied with its own Back Box, except the Blank and Data Plates.





Back Boxes are available with and without side knockouts

Contents

Socket Outlets & USB Sockets	36
Plate Switches	36
Connection Units	37
20A Double Pole Switches	37
50A Double Pole Switches	38
Blank Plates	38
Back Boxes	38
Data Plates and Modules	39

Socket Outlets

- Complete with surface mounting box
- Selected products available with and without knockouts in mounting box
- Top facing terminal screws
- Bold terminal markings
- Recessed earth bar
- Captive and backed out terminal screws
- 2 earth terminals on 2 gang sockets
- Red flagged switch indicator
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS 1363: Part 2
- 25-year guarantee

Unswitched - 13 Amp
Back Boxes with knockouts
M1206 1 gang unswitched
M1208 2 gang unswitched

Double Pole - 13 Amp
Back Boxes with knockouts
M1207DP 1 gang switched
M1209DP 2 gang switched

Double Pole - 13 Amp
Back Boxes without knockouts
M1307DP* 1 gang switched
M1309DP* 2 gang switched

M1206

M1209DP

USB Charging Socket Outlets

- USB ports deliver up to 4.0A (3.0A + 1.0A) simultaneous charging current across 3 ports
- Uses auto IC technology to detect connected devices and provide optimised high-speed charging
- In compliance with BS 1363:Part 2
- Complete with surface mounting box
- 2-year guarantee

Single Pole - 13 Amp + 4.0A USB
M1299 2 gang switched and 3 USB charging points

M1299

Plate Switches

- All plate switches are X-rated and can be used for switching inductive or fluorescent loads without de-rating
- Complete with surface mounting box
- Selected products available with and without knockouts in mounting box
- Clear terminal markings
- Captive and backed out terminal screws
- Only one size 4mm screwdriver needed
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

10 Amp
Back Boxes with knockouts
M1203 1 gang 2-way
M1204 2 gang 2-way
M1205 3 gang 2-way

10 Amp
Back Boxes without knockouts
M1303* 1 gang 2-way
M1304* 2 gang 2-way
M1305* 3 gang 2-way

M1203

M1204

M1205

Back Boxes
all knockouts are 20mm diameter

	Back Box with Knockouts		Back Box without Knockouts	
	sides	back	sides	back
1g	5	1	0	1
2g	8	1	0	1

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Connection Units

- Complete with surface mounting box
- Selected products available with and without knockouts in mounting box
- Lockable fuse carrier for safety isolation
- Captive fuse carrier
- Bold terminal markings
- Neon versions available
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminals screws
- Terminals have large lead-ins
- In compliance with BS 1363: Part 4
- 25-year guarantee

13 Amp Unswitched
Back Boxes with knockouts

M1210	Unswitched spur
M1217	Unswitched spur with neon
M1210FL	Unswitched spur with flex outlet

13 Amp Switched
Back Boxes with knockouts

M1211	Switched spur
M1211FL	Switched spur with flex outlet
M1212	Switched spur with neon
M1212FL	Switched spur with neon and flex outlet

13 Amp Unswitched
Back Boxes without knockouts

M1310*	Unswitched spur
M1317*	Unswitched spur with neon

13 Amp Switched
Back Boxes without knockouts

M1311*	Switched spur

M1210

M1217

M1210FL

M1211

M1211FL

M1212

M1212FL

20A Double Pole Switches

- Complete with surface mounting box
- Selected product available with and without knockouts in mounting box
- Bold terminal markings
- Recessed earth bar
- Red flagged switch indicator
- Neon versions available
- Neon leads enclosed
- 2 earth terminals
- Captive and backed out terminal screws
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp
Back Boxes with knockouts

M1213	Switch
M1214	Switch with neon
M1214FL*	Switch with neon and flex outlet

20 Amp
Back Boxes without knockouts

M1314*	Switch with neon

M1213

M1214

M1214FL

Back Boxes
all knockouts are 20mm diameter

	Back Box with Knockouts		Back Box without Knockouts	
	sides	back	sides	back
1g	5	1	0	1

*Special order product, minimum order quantity and lead time applies

50A Double Pole Switches

- Complete with surface mounting box
- Bold terminal markings
- Recessed earth bar
- Red flagged switch indicator
- Neon leads enclosed
- 2 earth terminals
- Terminals have large lead-ins
- In compliance with BS EN 60669-1
- 25-year guarantee

50 Amp
Back Boxes with knockouts
M1300P Switch with red rocker and neon

M1300P

Blank Plates

- In compliance with BS 5733
- 25-year guarantee

Blank Plates
M1200 1 gang
M1201 2 gang

M1200

M1201

Back Boxes

- Back boxes with knockouts have side and rear knockouts
- Back Boxes without knockouts have 1x20mm knockout in rear
- With brass earth terminals

Back Boxes with knockouts
M1228 1 gang with 6x20mm knockouts
M1229 2 gang with 9x20mm knockouts

Back Boxes without knockouts
M1228N 1 gang with no knockouts
M1229N 2 gang with no knockouts

M1228

M1229N

Back Boxes
all knockouts are 20mm diameter

	Back Box with knockouts		Back Box without knockouts	
	sides	back	sides	back
1g	5	1	0	1
2g	8	1	0	1

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Data Plates and Modules

- Accepts standad 50x25 modules
- Full range of power, TV and data and TV modules
- 25-year guarantee for power modules
- 2-year guarantee for USB charging, data and TV modules

Data Plate
M1222 Two module

Power Modules
S1446* 13A socket - white
S1447* 16A 250V German socket - white
S1448* 15A 125V American socket - white
S1449* 16A 250V French socket - white

Back box must be 35mm deep

USB Charging Module
S1445 USB charging outlet - 2 x 1A - white

Back box must be 35mm deep

Blanks/Brush Modules
S1425 Brush cable outlet - 2 module - white
S1428 Blank - 1/2 module - white
S1429 Blank - 1 module - white

Telephone Modules
S1430 Single master - white
S1431 Single secondary - white
S1432 RJ11 - white

Data Modules
S1433 RJ45 - white
S1434 Cat 6 - white

TV Modules
S1435 Co-axial male - white
S1436 Co-axial female "return" - white
S1442 Co-axial female "TV" - white
S1437 F Type - white
S1438 TV and FM/DAB diplexer - white
S1439 TV, FM/DAB and Satellite triplexer - white
S1440 TV, FM/DAB and Satellite quadplexer - white
S1441 HDMI - white

M1222

S1446 S1448 S1449

S1445 S1425 S1428WH S1429WH

S1430WH S1431WH S1432WH S1433WH S1434WH

S1435WH S1436WH S1442WH S1437WH

S1438WH S1439WH S1440WH S1441WH

Modules also available in black.
Please add suffix BK to catalogue no. e.g. S1428BK

Power Modules need to be installed in accordance with the current edition of the wiring regulations (BS7671 IET Wiring Regulations).

ELV Modules and Power Modules must not be mixed in the same compartment.

*Special order product, minimum order quantity and lead time applies

Gridswitch

Gridswitch offers multi-switching, control and monitoring, providing a flexible and cost-effective switching management solution for the most demanding projects.

Frontplates are available in a choice of finishes to match **Deta's Vimark, Vimark Curve, Vimark Evo** and **Vimark Metalclad** ranges. With elegantly curved rockers and frontplates available from 1 gang up to 24 gang sizes, **Gridswitch** offers a versatile solution for any commercial, industrial or domestic application.

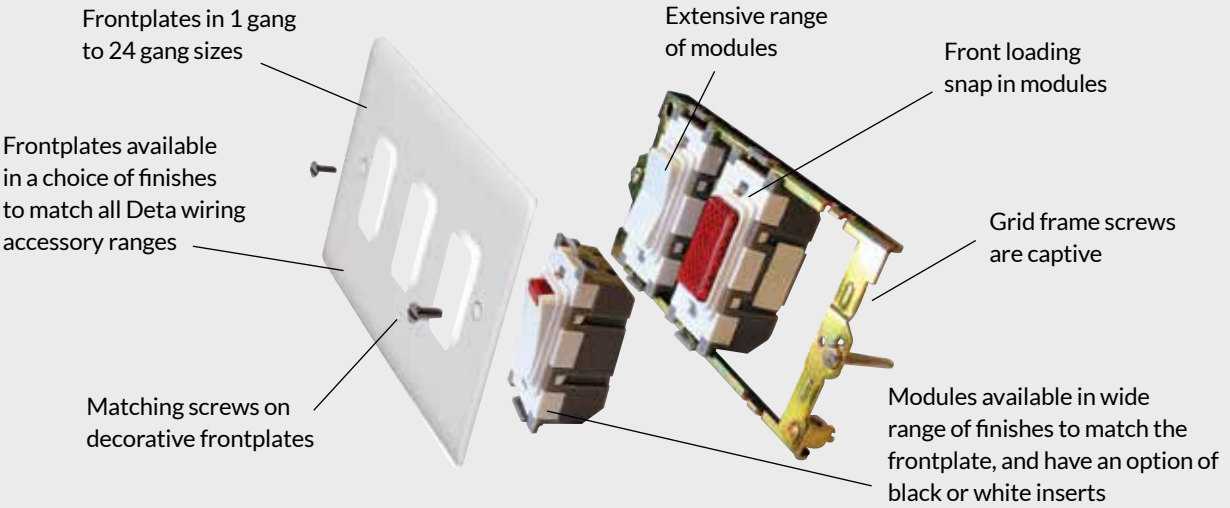
Products in the **Gridswitch** range are guaranteed for 25 years (2 years for electronic products).

Product Features

Gridswitch offers a wealth of features across the range to ensure that installation is carried out with the minimum of effort.

All modules have clear terminal markings and are front loading so they simply clip in place, which means they can easily be upgraded or replaced without the need to remove the mounting grid frame.

For larger frontplates, Deta's back boxes have been designed deeper for ample wiring space, for example the back box for a 24 gang plate is 60mm deep.



Contents

Vimark Frontplates 42
Vimark Curve Frontplates 43
Vimark Evo Frontplates 44
Vimark Metalclad Frontplates 45
10A Switch Modules – Single Pole 46
20A Switch Modules – Single Pole 46
20A Switch Modules – Double Pole 47
Switch Modules – Engraved – Double Pole 48
Switch Modules with Neon – Engraved – Double Pole 48
Key Switch Modules 49
Dimmer Modules 50
Accessories 50
Neon Modules 51
Grid Frames 51
Back Boxes 52
Selection Chart 53

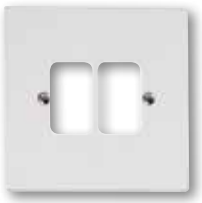
Vimark

- 1 gang to 12 gang sizes
- Packed in its own protective bag
- Identified with catalogue number on rear
- Fixing screws in high visibility bags, attached to rear of plates to prevent scratching
- Grid frames are supplied separately
- In compliance with BS 5733
- For a full range of Gridswitch modules, please see pages 46-51
- 25-year guarantee

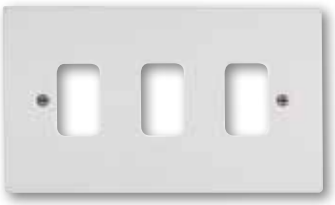
Vimark

G2601	1 gang
G2602	2 gang
G2603	3 gang
G2604	4 gang
G2605	6 gang
G2606	8 gang
G2607	9 gang*
G2608	12 gang*

G2601

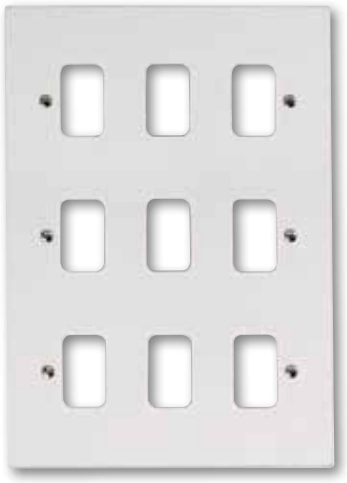


G2602



G2603

G2605



G2607

Back Boxes

A wide range of back boxes are available, please see the Selection Chart on page 53.

We recommend using the deepest back box available to give the most amount of wiring space.

Boxes for 6g up to 12g have both 20mm and 25mm knockouts.

DETA **t:** 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Vimark Curve

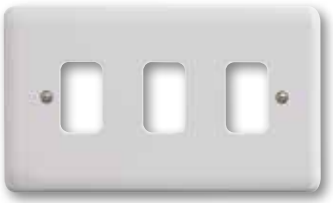
- 1 gang to 8 gang sizes
- Packed in its own protective bag
- Identified with catalogue number on rear
- Grid frames are supplied separately
- In compliance with BS 5733
- For a full range of Gridswitch modules, please see pages 46-51
- 25-year guarantee

Vimark Curve

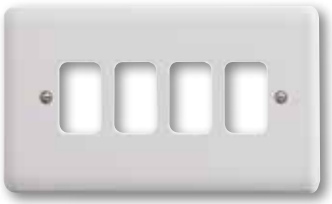
G2701	1 gang
G2702	2 gang
G2703	3 gang
G2704	4 gang
G2705	6 gang
G2706	8 gang

G2701

G2702



G2703



G2704

G2705

G2706

Back Boxes

A wide range of back boxes are available, please see the Selection Chart on page 53.

We recommend using the deepest back box available to give the most amount of wiring space.

Boxes for 6g and 8g have both 20mm and 25mm knockouts.

*Special order product, minimum order quantity and lead time applies

Vimark Evo

- 1 gang to 8 gang sizes
- Packed in its own protective bag
- Identied with catalogue number on rear
- Supplied with clear gaskets
- Grid frames are supplied separately
- In compliance with BS 5733
- For a full range of Gridswitch modules, please see pages 46-51
- 25-year guarantee

Vimark Evo
Chrome/Stainless Steel

G2801CH 1 gang
G2801SS

G2802CH 2 gang
G2802SS

G2803CH 3 gang
G2803SS

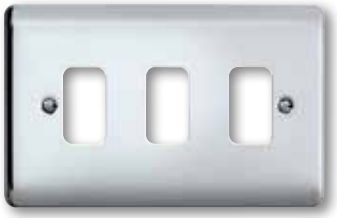
G2804CH 4 gang
G2804SS

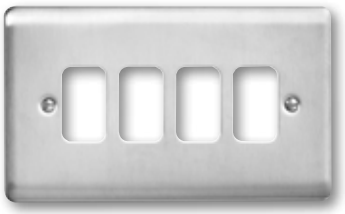
G2805CH 6 gang
G2805SS

G2806CH 8 gang
G2806SS

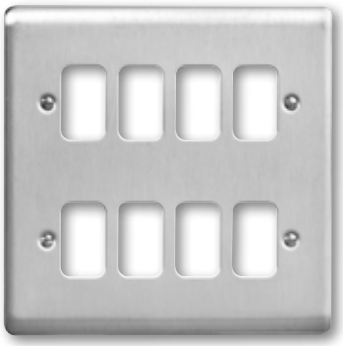
G2801CH

G2802SS


G2803CH


G2804SS

G2805CH


G2806SS

Back Boxes

A wide range of back boxes are available, please see the Selection Chart on page 53.

We recommend using the deepest back box available to give the most amount of wiring space.

Boxes for 6g and 8g have both 20mm and 25mm knockouts.

DETA **t:** 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Vimark Metalclad

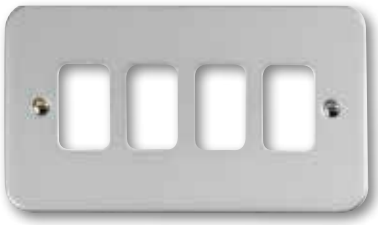
- 1 gang to 24 gang sizes
- Packed in its own protective bag
- Identified with catalogue number on rear
- Fixing screws in high visibility bags, attached to rear of plates to prevent scratching
- Grid frames are supplied separately
- In compliance with BS 5733
- For a full range of Gridswitch modules, please see pages 46-51
- 25-year guarantee

Vimark Metalclad

G3321	1 gang
G3322	2 gang
G3323	3 gang
G3324	4 gang
G3325	6 gang
G3326	8 gang
G3327	9 gang
G3328	12 gang
G3329*	18 gang
G3330*	24 gang

G3321

G3322



G3324

G3325

G3327

G3329

Back Boxes

A wide range of back boxes are available, please see the Selection Chart on page 53.

We recommend using the deepest back box available to give the most amount of wiring space.

Boxes for 6g up to 24g have both 20mm and 25mm knockouts.

*Special order product, minimum order quantity and lead time applies

10A Single Pole

- Curved rockers
- Front loading into grid frame
- Switches are x-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font engraving
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1
- 25-year guarantee

10 Amp

White

G3501	1-way
G3502	2-way
G3503	2-way 'PRESS'

Black

G3502BK	2-way
G3503BK*	2-way 'PRESS'

Red

G3503RD*	2-way 'PRESS' - white
G3503RDB*	2-way 'PRESS' - black

G3501

G3502BK

G3503

G3503RD

G3503RDB

20A Single Pole

- Curved rockers
- Front loading into grid frame
- Switches are x-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font engraving
- Integral neon has flying leads so it can be wired as an indicator or a locator
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp

White

G3511	1-way
G3512	2-way
G3525*	2-way integral neon locator
G3513	Intermediate
G3516	2-way & off retractive
G3517	2-way & off latching

Black

G3512BK	2-way
G3513BK	Intermediate
G3516BK	2-way & off retractive
G3517BK	2-way & off latching

Red

G3512RD	2-way - white
G3512RDB*	2-way - black

G3511

G3512

G3516

G3525

G3512BK

G3513BK

G3516BK

G3517

G3512RD

G3512RDB

DETA

t: 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

20A Double Pole

- Curved rockers
- Front loading into grid frame
- Switches are x-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp

White

G3514	Double pole
G3515	Neon in rocker
G3519	Push to make
G3520	Push to break

Black

G3514BK	Double pole
G3515BK	Neon in rocker
G3519BK	Push to make
G3520BK	Push to break

Red

G3514RD*	Double pole - white
G3514RDB*	Double pole - black

G3514

G3515

G3519

G3520

G3514BK

G3515BK

G3519BK

G3520BK

G3514RD

G3514RDB

*Special order product, minimum order quantity and lead time applies

Double Pole Engraved

- Curved rockers
- Front loading into grid frame
- Switches are x-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font engraving
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp
White

G3551	Oven
G3552	Hob
G3553	Extractor fan
G3554	Washing machine
G3555	Tumble dryer
G3556	Dishwasher
G3557	Fridge
G3558	Freezer
G3559	Boiler
G3560	Cooker hood
G3561	Microwave
G3562	Fridge freezer
G3563	Heater
G3564	Waste disposal
G3565	Fan Boost – **NEW**
G3566	Warming Draw – **NEW**
G3567	Wine Cooler – **NEW**

Double pole engraved also available in black. Please add suffix BK to catalogue no. e.g. G3551BK

G3551

G3552

G3555

G3556

G3559

G3560

G3563

G3564

Double Pole with Neon Engraved

- Curved rockers
- Front loading into grid frame
- Switches are x-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey font engraving
- Only one size 4mm screwdriver needed
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp
White

G3571	Oven
G3572	Hob
G3573	Extractor fan
G3574	Washing machine
G3575	Tumble dryer
G3576	Dishwasher
G3577	Fridge
G3578	Freezer
G3579	Boiler
G3580	Cooker hood
G3581	Microwave
G3582	Fridge freezer
G3583	Heater
G3584	Waste disposal
G3585	Fan Boost – **NEW**
G3586	Warming Draw – **NEW**
G3587	Wine Cooler – **NEW**

G3573

G3574

G3577

G3578

G3581

G3582

G3585

G3586

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Key Switch

- Every switch supplied with a key
- 'Emergency Lighting Test' modules
- Front loading into grid frame
- Only one size 4mm screwdriver needed
- Switches are x-rated and can be used for switching inductive or fluorescent loads without de-rating
- Clear terminal markings
- Grey front engraving
- In compliance with BS EN 60669-1
- 25-year guarantee

20 Amp

White

G3532	2-way
G3533	Intermediate
G3534	Double pole
G3536	2-way "Emg Lgt Test"
G3537*	2-way biased 1-way
G3538	DP "Emg Lgt Test"

Black

G3532BK	2-way
G3533BK*	Intermediate
G3534BK	Double pole
G3536BK	2-way "Emg Lgt Test"
G3537BK*	2-way biased 1-way
G3538BK*	DP "Emg Lgt Test"

Red

G3534RD*	Double pole - red rocker - white

G3532

G3533

G3534

G3536

G3537

G3538

G3532BK

G3533BK

G3534BK

G3536BK

G3538BK

G3537BK

G3534RD

*Special order product, minimum order quantity and lead time applies

Dimmers

- Universal dimmers suitable for use with dimmable LED lamps (requiring leading or trailing edge control), incandescent lamps or low voltage lamps
- Push on/push off control
- Front loading into grid frame
- 40mm deep back box recommended
- In compliance with BS EN 60669-2-1
- 2-year guarantee

Universal Dimmers

White

G3523	1 Module 2-way 100W

Black

G3523BK	1 Module 2-way 100W

Chrome/Stainless Steel

G3523VARW**	1 Module 2-way 100W
G3523VARB**	

G3523

G3523BK

G3523VARW

G3523VARB

Dimmer Modules

The quantity and maximum rating of dimmers fitted into a frontplate has to be limited to allow for heat disipation.

Contact Technical Hotline for further information.

Accessories

- Front loading into grid frame
- Clear terminal markings
- Only one size 4mm screwdriver needed
- In compliance with BS 5733 & BS 1362
- 25-year guarantee

Accesories

White

G3541	Flex outlet
G3542	Fuse unit - 13 Amp
G3544	Blank module

Black

G3541BK	Flex outlet
G3542BK	Fuse unit - 13 Amp
G3544BK	Blank module

G3541

G3542

G3544

G3542BK

G3544BK

**Available Autumn 2018

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Neons

- Front loading into grid frame
- Clear terminal markings
- Neons can be wired as an indicator or a locator
- Only one size 4mm screwdriver needed
- In compliance with BS 5733
- 2-year guarantee

Neons

White

G3543RD	Red, mains voltage
G3543AM	Amber, mains voltage
G3543GR	Green, mains voltage

Black

G3543RDB*	Red, mains voltage
G3543AMB*	Amber, mains voltage
G3543GRB*	Green, mains voltage

G3543RD

G3543AM

G3543GR

G3543RDB

G3543AMB

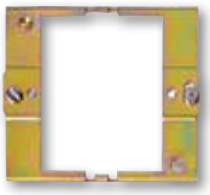
G3543GRB

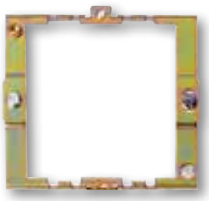
Frames

- 1, 2, 3, 4 and 6 gang
- 415V warning label is supplied with 3, 4 and 6 gang grid frames
- All grid frames have large earth terminals

Grid Frames

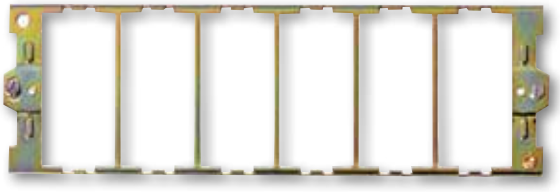
G3401	1 module - for 1 gang plate
G3402	2 modules - for 2 gang plate
G3403	3 modules - for 3, 6 or 9 gang plate
G3404	4 modules - for 4, 8 or 12 gang plate
G3406	6 modules - for 18 or 24 gang plate


G3401


G3402

G3403

G3404


G3406

*Special order product, minimum order quantity and lead time applies

Back Boxes

- Metal and Dry Lining Boxes available for flush mounting
- Moulded Boxes available for surface mounting
- Range of Metalclad Boxes available

Metal Boxes - Flush

DB164 1/2 gang 35mm deep
DB165 3/4 gang 35mm deep
DB171 6/8 gang 42mm deep
DB172 9/12 gang 42mm deep
DB173* 18 gang 60mm deep
DB174* 24 gang 60mm deep

DB164

DB165

Vimark Pattress Boxes - Surface

V1222 1/2 gang 33mm deep
V1224 3/4 gang 33mm deep

Vimark Curve Pattress Boxes - Surface

VC1222 1/2 gang 33mm deep
VC1224 3/4 gang 33mm deep

Vimark Metalclad Boxes - Surface

M1228 1/2 gang 41mm deep
M1228N 1/2 gang 41mm deep - no knockouts
M1229 3/4 gang 41mm deep
M1229N 3/4 gang 41mm deep - no knockouts
M1230 6/8 gang 42mm deep
M1231 9/12 gang 42mm deep
M1232* 18 gang 60mm deep
M1233* 24 gang 60mm deep

M1228

M1229N

Mounting Boxes

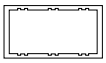
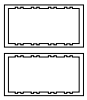
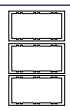
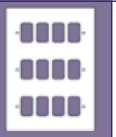
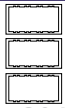
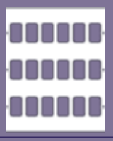
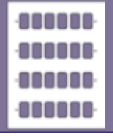
Knockouts	DB164	DB165	DB171	DB172	DB173	DB174
20mm	6	8	4	5	7	8
25mm	2	4	4	5	7	8
dimensions (mm)	72x72x35	132x72x35	132x132x42	132x192x42	192x192x60	192x250x60

Knockouts	M1228	M1229	M1230	M1231	M1232	M1233
20mm	5	8	4	6	7	8
25mm			4	6	7	8
dimensions (mm)	78x78x41	136x78x41	136x136x42	136x197x42	197x197x60	197x258x60

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Selection Chart

- For flush installations it is recommended to use as deep a back box as possible and to use metal boxes rather than dry lining boxes

Cover Plates		Grid Plates				Grid Frames	Mounting Boxes			
		Vimark	Vimark Curve	Vimark Evo	Vimark Metalclad		Flush	Surface		Vimark Metalclad
								Vimark	Vimark Curve	
1		G2601	G2701	G2801	G3321	1 x G3401	DB164	V1222	VC1222	M1228 M1228N no knockouts
2		G2602	G2702	G2802	G3322	1 x G3402	DB164	V1222	VC1222	M1228 M1228N no knockouts
3		G2603	G2703	G2803	G3323	 1 x G3403	DB165	V1224	VC1224	M1229 M1229N no knockouts
4		G2604	G2704	G2804	G3324	1 x G3404	DB165	V1224	VC1224	M1229 M1229N no knockouts
6		G2605	G2705	G2805	G3325	2 x G3403	DB171			M1230
8		G2606	G2706	G2806	G3326	 2 x G3404	DB171			M1230
9		G2607*			G3327	 3 x G3403	DB172			M1231
12		G2608*			G3328	 3 x G3404	DB172			M1231
18					G3329*	3 x G3406	DB173			M1232
24					G3330*	4 x G3406	DB174			M1233

*Special order product, minimum order quantity and lead time applies

Ceiling Accessories

Ceiling Accessories include a wide range of pendants, battens, lamp holders, ceiling switches and junction boxes and incorporate a wealth of features that ensure installation is fast and effortless.

Deta's range of pendants includes an optional Decorator Cover which safely covers the terminals during decoration allowing painting to be carried out quickly and easily right up to the ceiling rose.

Deta's Safety Lampholder range provides complete safety when the lamp is being installed or replaced.

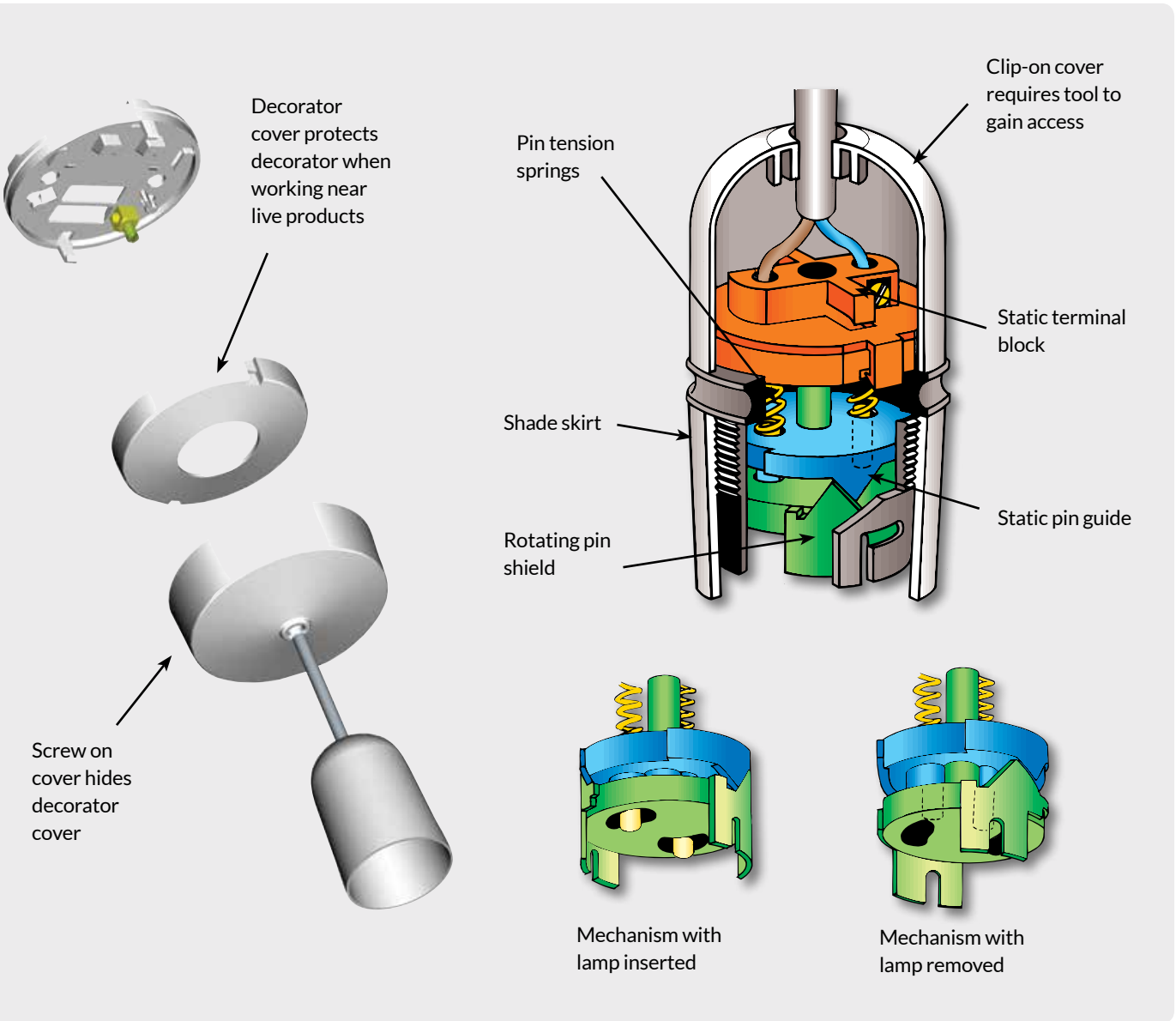
Products in the **Ceiling Accessories** range are guaranteed for 10 years.

Product Features

Ceiling Accessories offer a wealth of features to ensure that installation is fast and effortless.

Deta's latest pendant includes an additional Decorator Cover that clips in place, shielding any live wires. This additional cover makes the pendant safe when decorators are painting right up to the ceiling rose. If paint splashes over the clip-on cover, the outer cover simply screws on hiding any untidy paint work.

Deta's Safety Lampholder has a unique shutter action which ensures that when a lamp is removed, the contact pins are retracted and shielded, making them inaccessible to touch.



Ceiling Rose and Lampholder

- 3 terminals in ceiling rose
- T2 Rated Lampholder
- In compliance with BS EN 61184, BS 67
- 10-year guarantee

Ceiling Rose

V1299 Ceiling rose with 3 in-line terminals and earth terminals

Lamp Holder

91WSST2 Lampholder - short skirt T2

V1299

91WSST2

Standard Pendants

- T2 rated lampholders
- In compliance with BS EN 61184, BS 67
- 10-year guarantee

6" Pendant Set

V1280 6" flex, T2 rated - white base

9" Pendant Set

V1283 9" flex, T2 rated - white base

V1280

V1283

Pendant and Battens with Decorator Cover

- T2 Rated
- Decorator Safety Cover
- In compliance with BS EN 61184, BS 67
- Patent application pending
- 10-year guarantee

6" Pendant Set

V1278 6" flex, T2 rated - white base

Batten Holder

V1289 Straight batten holder - home office skirt

97HOT2 Angled batten holder - home office skirt - with clear ceiling rose base

V1278

V1289

97HOT2

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Safety Pendant and Battens with Decorator Cover

- Retractable pins when lamp is removed ensuring safety
- T2 rated
- Decorator Safety Cover
- B22 bayonet lampholders
- 3 terminals
- In compliance with BS EN 61184, BS 67
- 10-year guarantee

Pendant Set

S1066T2 6" Safety pendant

Batten Holders

S96HOT2 Safety straight batten holder - home office skirt

S97HOT2 Safety angled batten holder - home office skirt

S1066T2

S96HOT2

S97HOT2

Battens

- T2 rated
- 3 terminals in ceiling rose
- In compliance with BS EN 61184, BS 67
- 10-year guarantee

Straight

V1285T2* Straight batten holder

Angled

V1290T2 Angled batten holder - home office skirt

V1285T2

V1290T2

Ceiling Switches

- 1.5m cord drop
- In compliance with BS EN 60669-1
- 10-year guarantee

Pullcord

V1297 10A 2-way

V1298 50A DP with neon

V1297

V1298

*Special order product, minimum order quantity and lead time applies

Boxes

Boxes include a comprehensive range of flush fitting metal and dry lining boxes, as well as surface mounted pattress boxes.

Each range has been designed to exceed the requirements of the relevant British Standard and to ensure installation is fast and effortless.

Dry Lining **Boxes** include a range with a lipless design to allow flush fitting of Deta Wiring Accessories.

Products in the **Boxes** range are guaranteed for 25 years.

Vimark Pattress Boxes

- Surface mounted
- Urea moulded pattress boxes
- Square corners to match Vimark
- In compliance with BS 5733
- 25-year guarantee

Pattress Boxes

V1220E 1 gang 16mm deep with earth terminal

V1221 1 gang 25mm deep
V1223 2 gang 25mm deep

V1222 1 gang 33mm deep
V1224 2 gang 33mm deep

V1228 1 gang 45mm deep
V1229 2 gang 45mm deep

V1225 Dual 25mm deep - For two 1 gang accessories
V1226 Dual 33mm deep - For two 1 gang accessories

V1231 Single to twin conversion box - 25mm deep

V1324 1 gang 16mm deep architrave with earth terminal
V1325* 2 gang 16mm deep architrave with earth terminal

V1220E

V1223

V1225

V1228

V1231

Vimark Curve Pattress Boxes

- Surface mounted
- Urea moulded pattress boxes
- Rounded corners to match Vimark Curve
- 2g pattress boxes can be used as single flush to a 2g surface conversion box
- In compliance with BS 5733
- 25-year guarantee

Vimark Curve Pattress Boxes

VC1220E 1 gang 16mm deep with earth terminal

VC1221 1 gang 25mm deep
VC1223 2 gang 25mm deep

VC1222 1 gang 33mm deep
VC1224 2 gang 33mm deep

VC1228 1 gang 45mm deep
VC1229 2 gang 45mm deep

VC1220E

VC1221

VC1223

*Special order product, minimum order quantity and lead time applies

Dry Lining Boxes

- Flush mounting
- Suitable for plaster board thickness of 4-20mm
- In compliance with BS 4662
- 25-year guarantee

Dry Lining Boxes

DB2540 1 gang 35mm deep
DB2541 2 gang 35mm deep

DB2542 1 gang 46mm deep
DB2543 2 gang 46mm deep

DB2544 Round 34mm deep, 62mm diameter (excluding lip) including 'dual knockout' feature
- For use with round ceiling accessories and smoke alarms

DB2545 Dual 1 gang 35mm deep
- For two 1 gang accessories

DB2546 2+1 gang 35mm deep

DB2540

DB2541

DB2544

DB2545

DB2546

Dry Lining Boxes - Flush Fitting

- Flush mounting
- Suitable for plaster board thickness of 4-20mm
- In compliance with BS 4662
- Lipless design allows for flush fitting of Deta wiring accessories
- Recommended for Ultra Flatplate and Ultra Screwless accessories
- 25-year guarantee

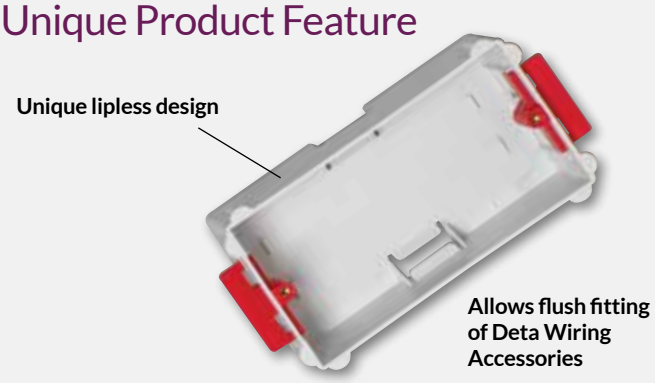
Dry Lining Boxes - Flush Fitting

DB2547 1 gang 35mm deep
DB2548 2 gang 35mm deep

DB2547

DB2548

Unique Product Feature



Dry Lining Boxes - cut out

1g	75mm x 75mm
2g	135mm x 75mm
dual	161mm x 75mm
2+1g	221mm x 75mm
round	63mm Dia.

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Metal Boxes

- Flush mounting
- Adjustable lug
- DB152 & DB169 have 16mm knockouts
- 25mm deep boxes have 20mm knockouts
- 35mm and 47mm deep boxes have 20mm and 25mm knockouts
- In compliance with BS 4662
- 25-year guarantee

Metal Boxes

DB152 1 gang 16mm deep - Oval entry

DB162 1 gang 25mm deep
DB163 2 gang 25mm deep

DB164 1 gang 35mm deep
DB165 2 gang 35mm deep

DB167 1 gang 47mm deep
DB168 2 gang 47mm deep

DB169 1 gang 27mm architrave fixed lugs - 16mm knockouts

DB166 Dual 35mm deep - For two 1 gang accessories
DB170 2+1 gang 35mm deep

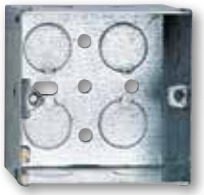
DB184 Lounge Plate box 250mm x 192mm x 40mm

DB152

DB163

DB164

DB166



DB167

Longer Length Fixing Screws

Chrome/Stainless Steel

SP0001CH 50mm length (pack of 10)
SP0001SS

SP0003CH 75mm length (pack of 10)
SP0003SS

DB169

DB170

SP0001CH

Ventilation and Hand Dryers

Ventilation Fans are attractively styled to blend with modern environments whatever the application, from kitchens and bathrooms to utility rooms, there is a Deta low energy, low noise Extraction Fan to meet all domestic intermittent ventilation requirements. The range includes the options of user adjustable timers and humidistats and is completed by a range of accessories including grilles and ducting.

Deta Hand Dryers are High Speed and Energy Saving and dry hands quicker than conventional hand dryers, improving hygiene and eco efficiency reducing energy consumption.

DETA **t:** 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Product Features

Ventilation Fans are designed to meet the latest requirements of the Building Regulations for New and Existing Dwellings.

This includes meeting the requirements of Part F (Means of Ventilation) covering Minimum Airflow Requirements, Noise Levels and Controls.

All Deta fans are designed to be quiet and efficient and meet the noise level requirements as set out in Building Regulations Part F.

Furthermore, Building Regulations approved Document Part L1 now includes requirements for minimum energy efficiencies for electric fans.

All Deta Fans are low energy and are designed to operate within the guidelines set of 0.5Watts per litre per second for intermittent extract ventilation systems.

Deta's Fans are designed for fast and easy installation and are simple to maintain in use. All Deta fans are suitable for wall or ceiling mounting.

Performance Data

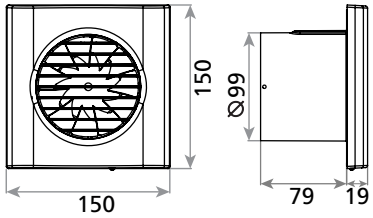
	4" Axial Fans	6" Axial Fans	Flat Fascia Axial Fans	Low Voltage Axial Fans	4" Shower Fan Kits
Extraction Rate	25l/s (90m³/hr)	71l/s (255 m³/hr)	26l/s (92 m³/hr)	24l/s (85 m³/hr)	30l/s (107 m³/hr)
Specific Fan Power	0.32W/l/s	0.40W/l/s	0.49W/l/s	0.34W/l/s	0.47W/l/s
Sound Pressure Level (at 3m)	29dB	35dB	34dB	28dB	33dB
Power Consumption	8W	28W	13W	8W	14W
Supply Voltage (at 50Hz)	240Vac	240Vac	240Vac	240Vac to tran. 12Vdc to fan	240Vac
Insulation Class	□	□	□	□	□
IP Rating	IP24	IP24	IP24	IP24	IPX4
Maximum Running Temperature	40°C	40°C	40°C	40°C	40°C
Thermal Protection	Thermal Fuse	Thermal Fuse	Thermal Fuse	Thermal Fuse	Thermal Fuse

Axial Fans 100mm (4”)

- Extraction rate 25 litres/second or 90m³/hour (see performance data table on Page 63)
- Specific fan power 0.32 W/l/s
- Noise Level 29dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- Humidistat user setable between 60-90% RH
- 3-year guarantee

EASY INSTALL · PART F&L COMPLIANT · ENERGY SAVING · LOW NOISE

4600	Standard
4601	Timer
4603	Timer and Humidistat



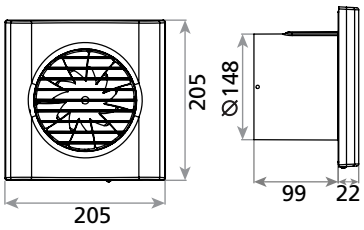
4600 / 4601 / 4603

Axial Fans 150mm (6”)

- Extraction rate 71 litres/second or 255m³/hour (see performance data table on Page 63)
- Specific fan power 0.4 W/l/s
- Noise Level 35dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- 3-year guarantee

EASY INSTALL · PART F&L COMPLIANT · ENERGY SAVING · LOW NOISE

4660	Standard
4661	Timer
4666*	Humidistat and Shutter



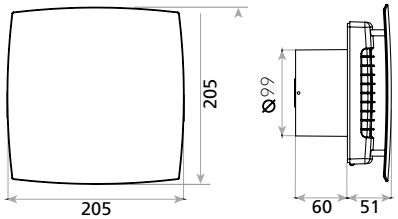
4660 / 4661

Flat Fascia Axial Fans 100mm (4")

- Extraction rate 26 litres/second or 92m³/hour (see performance data table on Page 63)
- Specific fan power 0.49 W/l/s
- Noise Level 34dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- 3-year guarantee

EASY INSTALL · PART F&L COMPLIANT · ENERGY SAVING · LOW NOISE

4630	Standard
4631	Timer



4630 / 4631

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

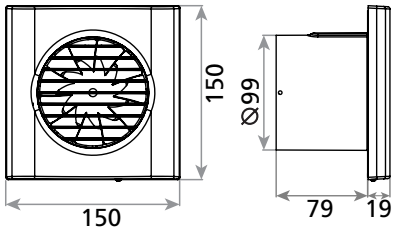
Low Voltage Axial Fans 100mm (4")

- Extraction rate 24 litres/second or 85m³ /hour (see performance data table on Page 63)
- Specific fan power 0.34 W/l/s
- Noise Level 28dB @ 3m
- Overrun time delay, user settable between 2 and 30 mins
- Humidistat use setable between 60-90% RH
- 3-year guarantee

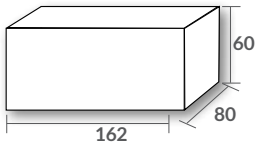
EASY INSTALL · PART F&L COMPLIANT · ENERGY SAVING · LOW NOISE

4616 12V low voltage fan and timer
4617 12V low voltage fan with timer and humidistat

4616 / 4617



Transformer dimensions



Shower Fans 100mm (4")

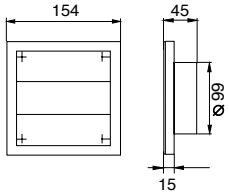
- Extraction rate up to 30 litres/second or 107m³ /hour (see performance data table on Page 63)
- Specific fan power 0.47 W/l/s
- Noise Level 33dB @ 3m
- Over-run time delay user setable between 2 and 30 minutes (timer versions)
- 3m (extended) flexible ducting
- Internal/external fixed louvres grilles
- In compliance with BS EN 60335-2-80
- 3-year guarantee

EASY INSTALL · PART F&L COMPLIANT · ENERGY SAVING · LOW NOISE

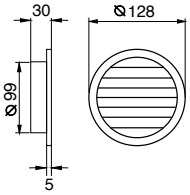
4640 Shower fan kit and timer
4641 Shower fan kit with timer and LED light - white and chrome cover supplied

4641

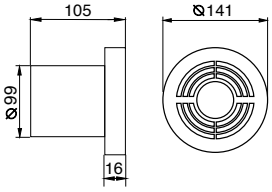
External grille



Internal grille



Internal grille with light



4640

*Special order product, minimum order quantity and lead time applies

Flexible Ducting

- PVC reinforced with spirally-wound steel wire

4820 100mm (4”) 3m length
4880 150mm (6”) 3m length

4820 4880

Wall Fixing Kits

- For through wall applications, includes gravity grille to prevent back drafts
- Rigid ducting extendable from 20cm to 50cm

4824 100mm (4”) Wall Fixing Kit
4884 150mm (6”) Wall Fixing Kit

4824 4884

External Grilles

- Fixed grilles - may be installed in horizontal or vertical planes and in exposed locations where gravity grilles may be affected by turbulent wind conditions
- Gravity grilles - for horizontal mounting only, to prevent back - draughts. Should not be installed in exposed locations

4821W 100mm (4”) gravity grille - white
4821B 100mm (4”) gravity grille - brown

4822W 100mm (4”) fixed grille - white
4822B 100mm (4”) fixed grille - brown

4881W 150mm (6”) gravity grille - white
4881B 150mm (6”) gravity grille - brown

4882W 150mm (6”) fixed grille - white
4882B 150mm (6”) fixed grille - brown

4821W 4882W

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Compact

- High quality, low maintenance hand dryers for commercial applications e.g. offices, shops
- Attractive ABS housing offers high resistance against fire, cigarette burns, water, sunlight and organic detergents
- Anti-tamper cover (fixing screws included)
- Self re-setting overheat thermostat provides over-temperature protection should the hand dryer airflow be deliberately blocked
- Provides 45 seconds drying time
- Height 220mm, Width 268mm, Weight 3.8kg
- 2-year guarantee

Automatic

1006 1.9kW compact

1006

Compact High Speed Energy Saving

- For use in schools, kitchens, restaurants and places where high levels of hygiene are required
- High-speed low power motor dries hands quicker reducing energy consumption compared to conventional hand dryers
- Changeable heat settings to suit environment
- Standby / Power-On LED indicator
- Provides 10 to 15 seconds drying time
- Height 265mm, Width 250mm, Weight 3.2kg
- 3-year guarantee

ENERGY SAVING

Automatic

1016WH 1.1kW High Speed - White
1016SL 1.1kW High Speed - Silver

1016WH

1016SL

Heavy Duty High Speed Energy Saving

- For use in public washrooms, factories, sports establishments, schools and colleges etc.
- Durable, vandal resistant casing with tamper proof fixings included
- Standby / Power-On LED indicator
- Provides 10 to 15 seconds drying time
- Blue LED shows hand detection
- Self re-setting overheat thermostat provides over-temperature protection should the hand dryer airflow be deliberately blocked
- Height 320mm, Width 280mm, Weight 5.4kg
- 3-year guarantee

ENERGY SAVING

Automatic

1019WH 1.8kW High Speed Heavy Duty - White Steel

1019CH 1.8kW High Speed Heavy Duty - Polished Chrome Steel

1019WH

1019CH

Lighting

Deta Lighting offers a comprehensive range of decorative and functional luminaires suitable for any modern or traditional application.

Spectra LED Surface Luminaires deliver an attractive and efficient lighting solution for multiple interior applications. Combining crisp bright light, instant illumination and low power consumption, the Spectra range offers a range of 14W Surface Luminaires with a stylish appearance.

LED Floodlights are available in a slim profile design in 10W, 20W, 30W and 50W models with or without PIR control. These high quality Die Cast Aluminium floodlights provide an energy efficient security lighting replacement for traditional halogen floodlights.

Spectra

Spectra LED Surface Luminaires are designed to replace traditional 2D fittings and offer and ultra slim appearance to blend in with surroundings. High performance LED chips ensure uniform light output with no bright spots, making these luminaires ideal for illuminating internal areas of passage. Available in standard, microwave, emergency and tri-colour versions in chrome or white finishes.

The use of white light LED's provide energy savings against traditional fluorescent lamps of greater than 50%. Luminaires also incorporate a daylight harvesting sensor to maximise the use of natural daylight, reducing energy consumption.

A unique feature of this slim luminaire is the flexibility to change the colour temperature of the light to suit the application. The Tri-colour model has a built-in switch for 3000K, 4000K and 5000K colour temperature selection.

An integrated maintained 3-hour emergency option provides high light output in the event of an emergency.

An integrated microwave sensor with an auto on-off and optional corridor function feature offers the ability to set detection area, hold time and standby time.

Spectra 14W LED Surface Luminaires

- White or chrome bezel, opal diffuser
- Slim profile
- 14W LED – 1200 lumens
- Colour temperature 4000K
- Tri-colour model – 3000/4000/5000K
- Interior use only
- Emergency version has a 3-hour battery back up
- Microwave with auto on/off and corridor function
- IP65 rated
- In compliance with BS EN 60598-1

IP65 LED ENERGY SAVING

14W Standard

L1061CH 14W LED Standard - Chrome trim
L1061WH 14W LED Standard - White trim

L1061CH

L1061WH

14W Tri-colour

L1066CH 14W LED - Chrome trim
L1066WH 14W LED - White trim

14W Microwave Sensor and Tri-colour

L1067CH 14W LED with Microwave Sensor - Chrome Trim
L1067WH 14W LED with Microwave Sensor - White Trim

14W Emergency and Tri-colour

L1068CH 14W LED Emergency - Chrome Trim
L1068WH 14W LED Emergency - White Trim

14W Microwave, Emergency and Tri-colour

L1069CH 14W LED Microwave Sensor, Emergency - Chrome Trim
L1069WH 14W LED Microwave Sensor, Emergency - White Trim

Shaver Light

- Dual voltage outlet
- 60W Tungsten equivalent - 284mm lamp
- 2-year guarantee

LED ENERGY SAVING

Shaver Light

994 Dual voltage with socket, pull cord switch and LED lamp

994

Slim LED Floodlights

- High quality die cast aluminium with glass diffuser
- Incorporates high quality 4000k LED chip
- Integral driver
- Suppled pre-wired with bootlace ferrules
- Available in white or matt black
- IP65 rated
- In compliance with BS EN 60598-2-5
- 3-year guarantee

IP65 LED ENERGY SAVING

10W LED Floodlight

L2342WH4 10W LED Floodlight - White
L2342BK4 10W LED Floodlight - Black
- 880 Lumens

20W LED Floodlight

L2344WH4** 20W LED Floodlight - White – **NEW**
L2344BK4** 20W LED Floodlight - Black – **NEW**
- 1760 Lumens

30W LED Floodlight

L2346WH4 30W LED Floodlight - White
L2346BK4 30W LED Floodlight - Black
- 2510 Lumens

50W LED Floodlight

L2348WH4** 50W LED Floodlight - White – **NEW**
L2348BK4** 50W LED Floodlight - Black – **NEW**
- 3950 Lumens

L2342BK4

L2346WH4

Slim LED Floodlights with PIR

- High quality die cast aluminium with glass diffuser
- Incorporates high quality 4000k LED chip
- Integral driver
- Supplied pre-wired with bootlace ferrules
- Available in white or matt black
- IP65 rated
- 8-10m PIR detection range
- Adjustable dusk-to-dawn sensor
- 120° angle – with manual override switching function
- Built in photocell to prevent daytime operation
- In compliance with BS EN 60598-2-5
- 3-year guarantee

IP65 LED ENERGY SAVING

20W LED Floodlight with PIR

L2345WH4 20W LED Floodlight - White
L2345BK4 20W LED Floodlight - Black
- 1760 Lumens

30W LED Floodlight with PIR

L2347WH4 30W LED Floodlight - White
L2347BK4 30W LED Floodlight - Black
- 2510 Lumens

50W LED Floodlight with PIR

L2349WH4** 50W LED Floodlight - White – **NEW**
L2349BK4** 50W LED Floodlight - Black – **NEW**
- 3950 Lumens

L2345BK4

L2347WH4

**Available Autumn 2018

Bulkhead PIR

- Recommended unit mounting height 1.8m - 2.5m
- Detection range 12m x 110°
- Adjustable timer 5 sec - 5 min approx.
- Auto off/manual over-ride switching function
- Built-in adjustable sensor prevents daytime operation
- Maximum detector lighting load 500W
- Available with a choice of 9.5W 2800k, or 9.5W 4000k LED lamp
- Adjustable dusk-to-dawn sensor
- Cable channels moulded into rear casing
- Black body with prismatic diffuser
- ES27 lampholder maximum 60W
- IP44 rated
- 2-year guarantee

LED

ENERGY SAVING

L2305 Bulkhead with PIR

L2305LED# Bulkhead with PIR and 9.5W LED lamp

L2305

Available with either 2800k or 4000k LED Lamp.
When ordering, please indicate preference by adding suffix 3 for a 2800k lamp or 4 for a 4000k LED lamp.
e.g. L2305LED3 would include a 2800k LED lamp

PIR Detectors

- Recommended unit mounting height 1.8m - 2.5m approx.
- Detection Range 12m x 180°
- Adjustable timer 5 sec - 8 min
- Auto off/manual over-ride switching function
- Adjustable dusk-to-dawn sensor
- Maximum lighting load 1200W (incandescent) or 200W (fluorescent)
- Suitable for wall or ceiling mounting
- Built-in sensor prevents daytime operation
- IP44 rated
- 2-year guarantee

ENERGY SAVING

L2309B 1200W adjustable 180° PIR - black
L2309W 1200W adjustable 180° PIR - white

L2309B

L2309W

Electronic Photocells

- 5A load switching capacity
- IP65 rated
- Available as head only or in kit form
- Compatible NEMA socket
- 2 x 250W SON load switching
- 70 lux switching
- Miniature Photocell - detector mounts in 20mm diameter knockout
- In compliance with EN 50081-1 and EN 50082-1
- 1-year guarantee

Electronic Photocells

JPZ30507 Cell head opal diffuser
JPZ3061 Cell kit - opal diffuser
- Surge protection
- 15 second switching delay
- <0.5W power consumption

Miniature Photocell

JHL4M Photocell
JHL4MREM Remote photocell on 40cm lead

JPZ30507

JPZ3061

JHL4M

JHL4MREM

Cat No.		JPZ30507 | JPZ3061	JHL4M | JHL4MREM
Photocell type		Electronic	Electronic
Operating voltage		230VAC 50Hz	230VAC 50Hz
Switch on lux level		70	70
Typical load (H.P.S)		2 x 250W SON	2 x 250W SON
Load-switching capacity		5 amps	5 amps
Switching time delay		60 seconds	30 seconds
Operating temperature		-20˚C to 55˚C	-20˚C to 70˚C
Power consumption	Light (Standby)	3 Watts	0.35 Watts
	Dark (Operation)	0 Watts	Negligible
Enclosure material		Polycarbonate	Polycarbonate

Electrospares

Deta offer a selection of **Electrospares** for everyday installations, including plugtops, extension leads, adaptors and connector strips.

Tough Plug

- In compliance with BS 1363/A
- bsi Kitemarked™
- Screwless cord grip
- Made from nylon

188R1W	13A resilient plug, fused at 13A - white
188R1B	13A resilient plug, fused at 13A - black
188R3W*	13A resilient plug, fused at 3A - white
188R3B*	13A resilient plug, fused at 3A - black
188R5W*	13A resilient plug, fused at 5A - white
188R5B*	13A resilient plug, fused at 5A - black

188R1W / 188R3W / 188R5W

188R1B / 188R3B / 188R5B

Round Pin Plug

- In compliance with BS 546
- Unfused plug

185	2A round pin plug, unfused
187	5A round pin plug, unfused
189	15A round pin plug, unfused

185

187

189

Adaptors

- In compliance with BS 1363-3 where applicable
- Earth-pin-operated shuttered socket outlets

85F	13A fused 3-way adaptor - 13A fuse to BS 1362
82	13A plug to continental socket adaptor - Converts CEE7 (16A) 2-pin plug to BS 1363 13A plug
78	B22 lamp cap to ES lampholder adaptor

85/F

82

78

*Special order product, minimum order quantity and lead time applies

Trailing Sockets

- In compliance with BS 1363/A
- Rough service shuttered socket outlets

ABS

C3721WH	13A 1g unfused socket - white
C3721BK	13A 1g unfused socket - black
C3722WH	13A 2g unfused socket - white
C3722BK	13A 2g unfused socket - black

C3721WH

C3722BK

Connector Boxes and Strips

- Compatible with 6A or 16A connector strips
- Suitable for cable sizes up to 1.5mm^2
- Screwless cord grip and lid fixing screw included
- 1220 supplied without connector strip
- 1212 includes 3 way 16A connector strip
- Connector strips manufactured from PPE flame retardant

Connector Boxes

1210	Connector box 16A - with flex cord grip
1212	Connector box 16A - with connector strip and cord grip

1210

1212

12 Way Connector Strips

1201P	3A
1202P	6A
1203P	16A
1204P	32A
1205P	60A

1201P

1202P

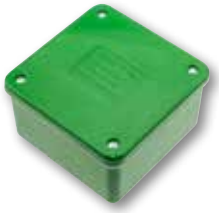
1203P

Earthing Box

- Suitable for protecting earth bonding connections

1220	Earthing box

1220



Junction Boxes

- Large brass terminals for easy access and greater cable capacity
- Additional cable breakout gives outer cable entry depth of up to 15mm
- Selective cable entry
- 4 terminal version 71mm diameter
- 6 and 3 terminal version 90mm diameter
- 10-year guarantee

3 Terminal

1505W	30A, 3 terminal - white
1505B*	30A, 3 terminal - black

4 Terminal

1504W	20A, 4 terminal - white
1504B*	20A, 4 terminal - black

6 Terminal

1503HD	20A, 6 terminal - white

1505B

1504W

1503HD

TV Accessories

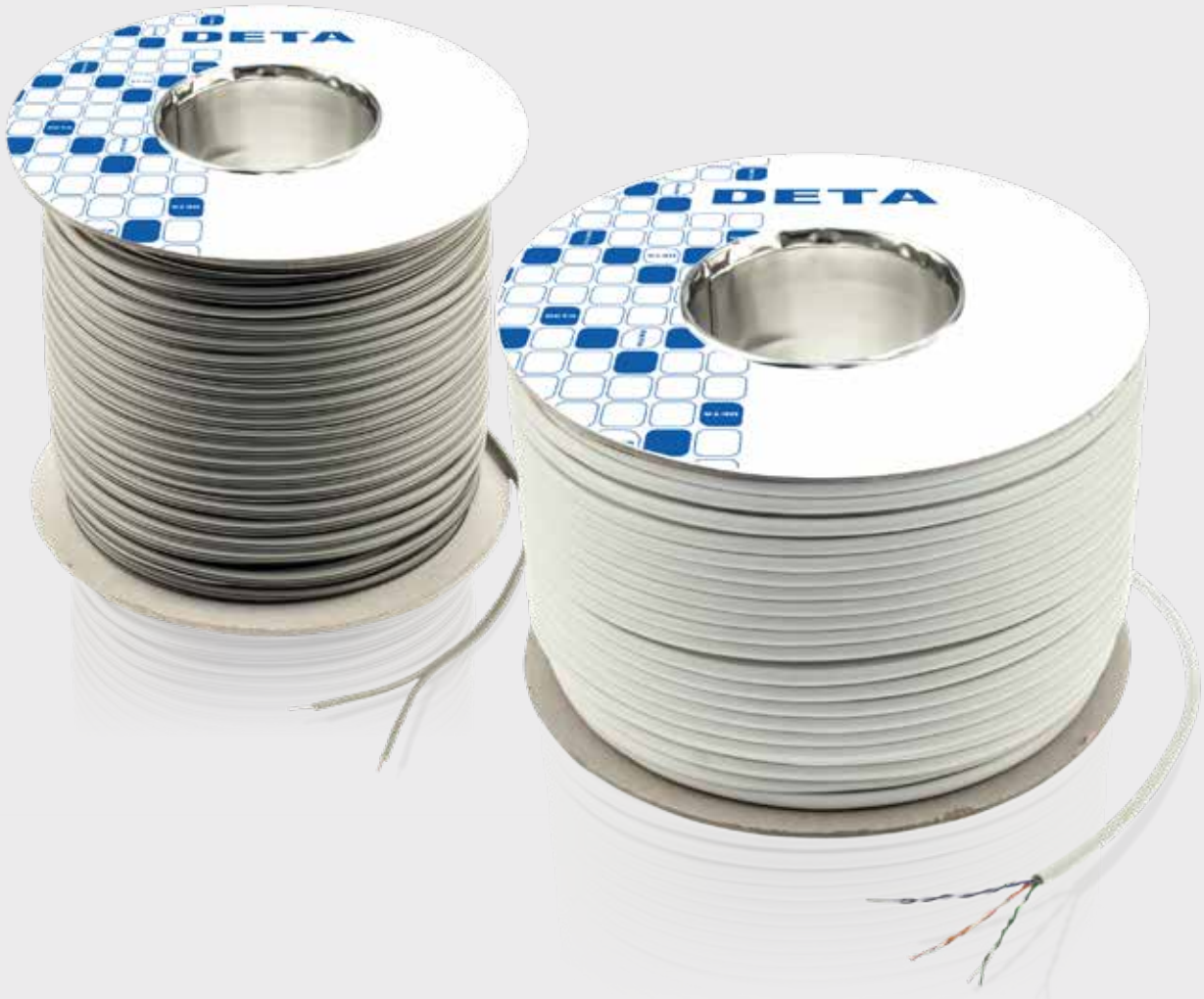
3250	Metal co-axial plug, female
3253	Metal co-axial plug, male

3250

3253

*Special order product, minimum order quantity and lead time applies

Cable



Deta offers a wide range of low voltage **Cable**. Deta's co-axial and satelite cable includes Shotgun cable and a range of CT100 cable approved to the CAI benchmark standard.

Also available are Alarm, Telephone, Speaker and Data Cable suitable for any modern day installation.

Satellite Cable

- 100m and 250m reels
- High performance, low loss
- CAI approved version
- Black sheath
- For digital/satellite connection and high speed data transfer

		Reel Length
RG6 Satellite Cable		
532BK	RG6 75Ω 1/1.0mm conductor low-loss semi-air-spaced satellite down lead	100m
Satellite Cable		
534BK	DT100 co-axial cable, for digital/satellite connection and high speed data transfer	100m
534B/250	DT100 co-axial cable, for digital/satellite connection and high speed data transfer	250m
Satellite Cable - Shotgun		
536BK	DT100 shotgun co-axial cable	100m
536B/250	DT100 shotgun co-axial cable	250m
CAI Approved Satellite Cable		
535BK	CAI Approved CT100 co-axial cable	100m
535B/250	CAI Approved CT100 co-axial cable	250m

532BK

534BK

536BK

535BK

CCTV Co-Axial Cable

- TV down lead and CCTV applications
- 100m reel
- Low loss

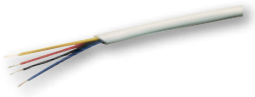
		Reel Length
RG59 CCTV		
533BK	RG59 75Ω CCTV co-axial cable	100m

533BK

Alarm Cable

- 100m reels
- White sheath

		Reel Length
630WH	4 core alarm cable - Colour coded red, blue, yellow, black	100m
631WH	6 core alarm cable - Colour coded red, blue, yellow, black, white, green	100m
632WH	8 core alarm cable - Colour coded red, blue, yellow, black, white, green, orange, brown	100m



630WH

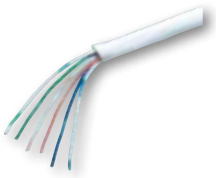
631WH

632WH

CW1308 Telephone Cable

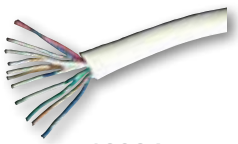
- 100m reels
- Complies with CW1308
- White sheath

		Reel Length
19023	3 pair	100m
19024	4 pair	100m
19026	6 pair	100m



19023

19024



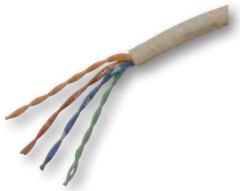
19026

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

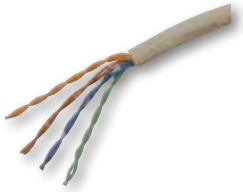
Data Cable

- 305m pull box
- In compliance with TIA/EIA 568-B
- Copper conductor

		Box Length
Cat 5e		
542	Cat 5e solid unshielded twisted pair	305m
Cat 6		
550	Cat 6 solid unshielded twisted pair	305m



542



550

Low Smoke Zero Halogen Data Cable

- 305m pull box
- In compliance with TIA/EIA 568-B
- Copper conductor
- Sheath colour - purple

		Box Length
Cat 5e		
544	Cat 5e solid unshielded twisted pair - LSZH	305m
Cat 6		
551	Cat 6 solid unshielded twisted pair - LSZH	305m

544

551

Speaker Flex and Bell Wire

- 100m reels
- Speaker flex incorporates black pin stripe
- Bell Wire incorporates pit stripe

		Reel Length
Speaker Flex		
218WH	Speaker flex, 13 strands - white	100m
215WH	Speaker flex, 42 strands - white	100m
214WH	Speaker flex, 79 strands - white	100m
Bell Wire		
218	Bell wire - white	

215WH

218

Conduit Tube and Accessories

DETA TTE is a market leading brand of electrical conduit tube and accessories, combining the Top Tubes Electrical and Stephen Glover businesses, with over 50 years' experience in supplying the UK, Middle East and global markets.

DETA TTE has become the specification of choice amongst consultants and major MEP contractors, providing them with a reliable and best in class cable protection solution that is fully compliant with rigorous British Standards. **DETA TTE** continues to be specified and installed on many major projects.

With a comprehensive range and significant stocks held in two central distribution depots, **DETA TTE** covers the needs of every cable management installation.

Class 4 Galvanised Conduit Tube

Technical Specification and Standards

DETA TTE steel conduit is suitable for use in demanding environments. It exceeds the maximum "very heavy" strength classification and can be easily formed on site.

Our conduit is hot dipped galvanised after manufacture to comply with Class 4, heavy protection inside and out. Galvanising is undertaken on a purpose made plant to ensure an even coating and employs a final superheated steam blast to ensure the bore is smooth and clear of defects which might damage cable installation.

Material	Made from Grade Q195 Steel.
Manufacturing Process	Tubes are roll formed, and electrical resistance welded.
Resistance against corrosion	Hot dipped galvanised to BS EN 61386 Class 4 using a specialist superheated steam blast to ensure the bore is smooth and clear of defects that might damage cables during installation.
Resistance to compression	Tested to very heavy grade - Classification 5.
Resistance to impact	Tested to very heavy grade - Classification 5.
Tensile strength	Tested to very heavy grade - Classification 5.
Standard BS 4568 -1	Steel Conduit and fittings with metric threads.
Standard BS EN 61386 - 21	Conduit systems for cable management - requirements for rigid conduit systems.
Storage	Galvanised conduit should be stored in dry conditions to prevent wet storage stain. (Should this occur, it can easily be removed and is unlikely to affect resistance to corrosion)

BS EN 61386 Class 4 Conduit

- Hot dipped galvanised inside and out to Class 4
- Ink Jet marked
- Threaded at both ends
- Each length supplied with one coupler and one plastic thread protector cap
- Available in 20mm and 25mm diameter and 3.00m and 3.75m lengths
- In compliance with to BS EN 61386

Catalogue Code	External Diameter	Length	Length per master bundle	Metres per master bundle	Length per small bundle
DT20300	20mm	3.00m	400	1200	8
DT20375		3.75m	400	1500	8
DT25300	25mm	3.00m	320	960	8
DT25375		3.75m	320	1200	8

BS 4568 and BS EN 61386 Class 4 Conduit

- Hot dipped galvanised inside and out to Class 4
- Hard stamped during manufacturing process
- Threaded at both ends
- Each length supplied with one coupler and one plastic thread protector cap
- Available in 20mm, 25mm and 32mm diameter in 3.75m lengths
- In compliance with BS 4568 and BS EN 61386

Catalogue Code	External Diameter	Length	Length per master bundle	Metres per master bundle	Length per small bundle
DTS20375*	20mm	3.75m	400	1500	8
DTS25375*	25mm	3.75m	320	1200	8
DTS32375	32mm	3.75m	100	375	4

Other sizes and BS 31 (imperial) steel conduit available on request

Boxes Malleable

- 20/25mm Boxes - Cover fixings M4 at 50.8mm centres
- 32mm Boxes - Cover fixings M4 at 71.5mm centres
- 20mm boxes - Internal depth 25mm
- 25mm boxes - Internal depth 28mm
- 32mm boxes - Internal depth 37mm
- Tapped M4 hole for earth terminal in base
- Manufactured to BS 4568 and BS EN 61386
- Boxes are galvanised after manufacture and meet the most demanding Class 4 corrosion protection standard

Terminal Box (1 Way)

Cat. Code	Size	Pk Qty
DT21120G	20mm	10
DT21125G	25mm	10
DT21132G	32mm	5

U Box (Branched 2 Way)

Cat. Code	Size	Pk Qty
DT26120G	20mm	10
DT26125G	25mm	10

Through Box (2 Way)

Cat. Code	Size	Pk Qty
DT22120G	20mm	10
DT22125G	25mm	10
DT22132G	32mm	5

Y Box (Branched 3 Way)

Cat. Code	Size	Pk Qty
DT26220G	20mm	10
DT26225G	25mm	10

Angle Box

Cat. Code	Size	Pk Qty
DT25120G	20mm	10
DT25125G	25mm	10
DT25132G	32mm	5

H Box

Cat. Code	Size	Pk Qty
DT26420G	20mm	10
DT26425G	25mm	10

Tee Box (3 Way)

Cat. Code	Size	Pk Qty
DT23120G	20mm	10
DT23125G	25mm	10
DT23132G	32mm	5

Intersection Box (4 Way)

Cat. Code	Size	Pk Qty
DT24120G	20mm	10
DT24125G	25mm	10

*Special order product, minimum order quantity and lead time applies

Boxes Malleable

- 20/25mm Boxes - Cover fixings M4 at 50.8mm centres
- 32mm Boxes - Cover fixings M4 at 71.5mm centres
- 20mm boxes - Internal depth 25mm
- 25mm boxes - Internal depth 28mm
- 32mm boxes - Internal depth 37mm
- Tapped M4 hole for earth terminal in base
- Manufactured to BS 4568 and BS EN 61386
- Boxes are galvanised after manufacture and meet the most demanding Class 4 corrosion protection standard

Back Outlet Box

Cat. Code	Size	Pk Qty
DT21420G	20mm	10
DT21425G*	25mm	10

Through Extension Box

Cat. Code	Size	Pk Qty
DT22220G	20mm	10
DT22225G	25mm	10

Terminal and Back Outlet Box

Cat. Code	Size	Pk Qty
DT21320G	20mm	10
DT21325G	25mm	10

Loop-In Boxes (Malleable)

Cat. Code	Size	Pk Qty
DT27001	1 Hole	10
DT27002	2 Hole	10

Through and Back Outlet Box

Cat. Code	Size	Pk Qty
DT22320G	20mm	10
DT22325G*	25mm	10

Loop-In Boxes (Pressed Steel)

Cat. Code	Size	Pk Qty
DT30001	1 Hole	10
DT30002	2 Hole	10
DT30005	4 KO	10

Angle and Back Outlet Box

Cat. Code	Size	Pk Qty
DT25320G*	20mm	10
DT25325G*	25mm	10

Extension Rings (Steel)

Cat. Code	Size	Pk Qty
DT31013Z*	13mm	25
DT31016Z	16mm	25
DT31020Z	20mm	25
DT31025Z	25mm	25
DT31032Z	32mm	25
DT31038Z*	38mm	10
DT31050Z	50mm	10

Tee and Back Outlet Box

Cat. Code	Size	Pk Qty
DT23320G*	20mm	10
DT23325G*	25mm	10

DETA t: 01582 544 544 | e: sales@detaelectrical.co.uk | w: detaelectrical.co.uk

Couplers, Bends and Tees

- Boxes are galvanised after manufacture and meet the most demanding Class 4 corrosion protection standard.
- Inspection Bends, Elbows and Tees include galvanised inspection cover.

Couplers (Steel)

Cat. Code	Size	Pk Qty
DT31120G	20mm	100
DT31125G	25mm	50
DT31132G	32mm	25
DT31138G	1.5”	25
DT31150G	2”	10

Earth Couplers (Malleable)

Cat. Code	Size	Pk Qty
DT31220G*	20mm	25
DT31225G*	25mm	25

Flanged Couplers (Malleable)

Cat. Code	Size	Pk Qty
DT31320G	20mm	25
DT31325G	25mm	25
DT31332G*	32mm	10

Solid Bends (Steel)

Cat. Code	Size	Pk Qty
DT31420Z	20mm	10
DT31425Z	25mm	10
DT31432Z*	32mm	5

Inspection Bends (Malleable)

Cat. Code	Size	Pk Qty
DT31520G	20mm	10
DT31525G	25mm	10

Solid Elbows (Malleable)

Cat. Code	Size	Pk Qty
DT31620G	20mm	10
DT31625G	25mm	10

Inspection Elbows (Malleable)

Cat. Code	Size	Pk Qty
DT31720G	20mm	10
DT31725G	25mm	10

Solid Tees (Malleable)

Cat. Code	Size	Pk Qty
DT31820G	20mm	10
DT31825G*	25mm	10

Inspection Tees (Malleable)

Cat. Code	Size	Pk Qty
DT31920G	20mm	10
DT31925G	25mm	10

Suspension Hooks and Loops

Cat. Code	Size	Pk Qty
DT32020G	20mm Hook	50
DT32025G*	25mm Hook	25
DT32120G	20mm Loop	25

*Special order product, minimum order quantity and lead time applies

Covers, Nipples and Adaptors

- Box lids manufactured from pre-galvanised sheet
- Ball and Socket cover has earth link wire

Box Lids

Cat. Code	Size	Pk Qty
DT32201G	20/25mm 2 Holes	25
DT32204G	32mm 4 Holes	25

Gaskets

Cat. Code	Size	Pk Qty
DT32301	20/25mm	25
DT32302	32mm	25

Female Dome Covers (Malleable)

Cat. Code	Size	Pk Qty
DT32420G	20mm	20
DT32425G	25mm	20

Ball and Socket Cover (Malleable)

Cat. Code	Size	Pk Qty
DT32520G*	20mm	10

Hookplates (Pre Galvanised)

Cat. Code	Size	Pk Qty
DT32620G	20mm	25

Standard Steel Nipples (Zinc Plated)

Cat. Code	Size	Pk Qty
DT32720Z	20mm	50
DT32725Z	25mm	50
DT32732Z	32mm	25

300mm Long Steel Nipples (Zinc Plated)

Cat. Code	Size	Pk Qty
DT32820Z*	20mm	10
DT32825Z*	25mm	10
DT32832Z*	32mm	10

Adaptors (Zinc Plated)

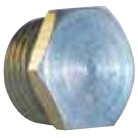
Cat. Code	Size	Pk Qty
DT32901Z	3/4"M x 20mm F	10
DT32902Z	20mm M x 3/4" F	10
DT32903Z*	1" M x 25mm F	10
DT32904Z*	25mm m x 1' F	10

Screwed Reducers (Zinc Plated)

Cat. Code	Size	Pk Qty
DT3302016Z	20 x 16mm	50
DT3302520Z	25 x 20mm	50
DT3303220Z	32 x 20mm	25
DT3303225Z	32 x 25mm	25

Hex Plugs (Zinc Plated)

Cat. Code	Size	Pk Qty
DT33116Z*	16mm	25
DT33120Z	20mm	100
DT33125Z	25mm	50
DT33132Z	32mm	25
DT33138Z*	1.5"	10
DT33150Z*	2"	10



Bushes, Locknuts and Lockrings

- Brass Earth Terminal suitable for use with Malleable Boxes
- Locknuts available in light gauge and heavy gauge

Male Brass Bush (Short)

Cat. Code	Size	Pk Qty
DT40120	20mm	50
DT40125	25mm	50
DT40132	32mm	25
DT40138	1.5”	25
DT40150	2”	25

Brass Earth Terminal

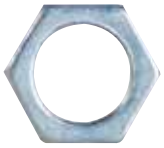
Cat. Code	Size	Pk Qty
DT40604	M4	50

Male Brass Bush (Long)

Cat. Code	Size	Pk Qty
DT40220	20mm	50
DT40225	25mm	50
DT40232	32mm	25
DT40238	1.5”	25
DT40250	2”	25

Light Steel Locknuts (Zinc Plated)

Cat. Code	Size	Pk Qty
DT33320Z	20mm	100
DT33325Z	25mm	100
DT33332Z	32mm	50
DT33338Z	1.5”	50
DT33350Z	2”	50

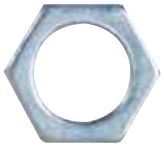


Female Brass Bush

Cat. Code	Size	Pk Qty
DT40320	20mm	50
DT40325	25mm	50
DT40332	32mm	25
DT40338	1.5”	25
DT40350	2”	25

Heavy Steel Locknuts (Zinc Plated)

Cat. Code	Size	Pk Qty
DT33420Z*	20mm	25
DT33425Z*	25mm	25
DT33432Z*	32mm	25



Brass Slotted Plugs

Cat. Code	Size	Pk Qty
DT40420	20mm	50
DT40425	25mm	50
DT40432*	32mm	25

Milled Edge Lockrings (Zinc Plated

Cat. Code	Size	Pk Qty
DT33520Z	20mm	100
DT33525Z	25mm	100
DT33532Z	32mm	50
DT33538Z	1.5”	50
DT33550Z	2”	50

Brass TRS Glands

Cat. Code	Size	Gland Hole ø	Pk Qty
DT40520	20mm	7.5mm	50
DT40525	25mm	11.5mm	50
DT40532*	32mm	14.5mm	25

*Special order product, minimum order quantity and lead time applies

Saddles and Crampets

- Saddles suitable for use with 20mm, 25mm and 32mm Conduit
- Jack Chain Size No10

Half Saddles (Zinc Plated)

Cat. Code	Size	Pk Qty
DT33820Z	20mm	50
DT33825Z	25mm	50

Heavy Distance Saddles (Malleable)

Cat. Code	Size	Pk Qty
DT34120G	20mm	50
DT34125G	25mm	50
DT34132G	32mm	25

Steel Saddles (Zinc Plated)

Cat. Code	Size	Pk Qty
DT33920Z	20mm	50
DT33925Z	25mm	50
DT33932Z	32mm	25

Hospital Saddles (Malleable)

Cat. Code	Size	Pk Qty
DT34220G	20mm	25
DT34225G	25mm	25
DT34232G*	32mm	25

Spacer Bar Saddles (Zinc Plated)

Cat. Code	Size	Pk Qty
DT34020Z	20mm	100
DT34025Z	25mm	100
DT34032Z	32mm	50

Steel Crampets (Zinc plated)

Cat. Code	Size	Pk Qty
DT33620Z	20mm	50
DT33625Z	25mm	50

Jack Chain (Pre Galvanised)

Cat. Code	Size	Pk Qty
DT33210G	No 10	10m

DETA

t: 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Adaptable Boxes

- Available with plain sides or knockouts
- Knockouts are 20/25mm combination
- Manufactured from pre-galvanised steel

Adaptable Boxes Knock Out	Plain			
Cat. Code	Cat. Code	Size		Pk Qty
DT501332G	DT502332G*	3" x 3" x 2"	(75 x 75 x 50mm)	1
DT501442G	DT502442G*	4" x 4" x 2"	(100 x 100 x 50mm)	1
DT501443G	DT502443G*	4" x 4" x 3"	(100 x 100 x 75mm)	1
DT501662G	DT502662G*	6" x 6" x 2"	(150 x 150 x 50mm)	1
DT501663G	DT502663G*	6" x 6" x 3"	(150 x 150 x 75mm)	1
DT501664G	DT502664G*	6" x 6" x 4"	(150 x 150 x 100mm)	1
DT501994G	DT502994G*	9" x 9" x 4"	(225 x 225 x 100mm)	1
DT50112124G	DT50212124G*	12" x 12" x 4"	(300 x 300 x 100mm)	1

Width of Side	No of KO's Per Side
3"	2
4"	2
6"	4
9"	6
12"	8

*Special order product, minimum order quantity and lead time applies

Stock, Die and Guide Set

- Available as separate items or as complete Sets
- Dies suitable for cutting standard 20mm and 25mm thread

Stock, Die and Guide set

Cat. Code	Size	Pk Qty
DT6012025	20mm x 25mm	1

Conduit Bender

- Supplied with 20mm and 25mm formers
- Includes extender arm for additional leverage
- Includes vice grip

Conduit Bender

Cat. Code	Description	Pk Qty
DT615	Metal Conduit Bender 20 / 25mm	1

SWA Brass Cable Glands

- Brass Cable Glands with Earth Tags, Locknuts and Shrouds
- BW Indoor and CW In/Outdoor Glands available with PVC or LSF Shroud
- Suitable for all types of steel wire armoured cable

BW Indoor PVC Shroud

DTG3501 20mm Short BW Indoor Glands, PVC Shrouds – 2 Gland Kits
DTG3502 20mm BW Indoor Glands, PVC Shrouds – 2 Gland Kits
DTG3503 25mm BW Indoor Glands, PVC Shrouds – 2 Gland Kits
DTG3504 32mm BW Indoor Glands, PVC Shrouds – 2 Gland Kits
DTG3505 40mm BW Indoor Glands, PVC Shrouds – 1 Gland Kit
DTG3506 50mm BW Indoor Glands, PVC Shrouds – 1 Gland Kit
DTG3507 63mm BW Indoor Glands, PVC Shrouds – 1 Gland Kit
DTG3508* 75mm BW Indoor Glands, PVC Shrouds – 1 Gland Kit
DTG3509* 90mm BW Indoor Glands, PVC Shrouds – 1 Gland Kit

CW Indoor/Outdoor PVC Shroud

DTG3511 20mm Short CW In / Outdoor Glands, PVC Shrouds – 2 Gland Kits
DTG3512 20mm CW In / Outdoor Glands, PVC Shrouds – 2 Gland Kits
DTG3513 25mm CW In / Outdoor Glands, PVC Shrouds – 2 Gland Kits
DTG3514* 32mm CW In / Outdoor Glands, PVC Shrouds – 2 Gland Kits
DTG3515* 40mm CW In / Outdoor Glands, PVC Shrouds – 1 Gland Kit
DTG3516* 50mm CW In / Outdoor Glands, PVC Shrouds – 1 Gland Kit
DTG3517* 63mm CW In / Outdoor Glands, PVC Shrouds – 1 Gland Kit
DTG3518* 75mm CW In / Outdoor Glands, PVC Shrouds – 1 Gland Kit
DTG3519* 90mm CW In / Outdoor Glands, PVC Shrouds – 1 Gland Kit

BW Indoor LSF Shroud

DTG3521 20mm Short BW Indoor Glands, LSF Shrouds – 2 Gland Kits
DTG3522 20mm BW Indoor Glands, LSF Shrouds – 2 Gland Kits
DTG3523 25mm BW Indoor Glands, LSF Shrouds – 2 Gland Kits
DTG3524* 32mm BW Indoor Glands, LSF Shrouds – 2 Gland Kits
DTG3525* 40mm BW Indoor Glands, LSF Shrouds – 1 Gland Kit
DTG3526* 50mm BW Indoor Glands, LSF Shrouds – 1 Gland Kit
DTG3527* 63mm BW Indoor Glands, LSF Shrouds – 1 Gland Kit
DTG3528* 75mm BW Indoor Glands, LSF Shrouds – 1 Gland Kit
DTG3529* 90mm BW Indoor Glands, LSF Shrouds – 1 Gland Kit

CW Indoor/Outdoor LSF Shroud

DTG3531 20mm Short CW In / Outdoor Glands, LSF Shrouds – 2 Gland Kits
DTG3532 20mm CW In / Outdoor Glands, LSF Shrouds – 2 Gland Kits
DTG3533 25mm CW In / Outdoor Glands, LSF Shrouds – 2 Gland Kits
DTG3534* 32mm CW In / Outdoor Glands, LSF Shrouds – 2 Gland Kits
DTG3535* 40mm CW In / Outdoor Glands, LSF Shrouds – 1 Gland Kit
DTG3536* 50mm CW In / Outdoor Glands, LSF Shrouds – 1 Gland Kit
DTG3537* 63mm CW In / Outdoor Glands, LSF Shrouds – 1 Gland Kit
DTG3538* 75mm CW In / Outdoor Glands, LSF Shrouds – 1 Gland Kit
DTG3539* 90mm CW In / Outdoor Glands, LSF Shrouds – 1 Gland Kit

*Special order product, minimum order quantity and lead time applies

Back Box
Cross Reference Table

FLUSH MOUNTING

	METAL BOXES				DRY LINING BOXES	
Depth	**16mm**	**25mm**	**35mm**	**46mm**	**35mm**	**46mm**
SOCKETS						
1 gang 13A		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
2 gang 13A		DB163	DB165	DB168	DB2541	DB2543
Round pin sockets		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
Shaver sockets				DB168	DB2543	
USB charging socket			DB165	DB168	DB2541	DB2543
CONNECTION UNITS						
Fused/unfused		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
CONNECTION/BLANK PLATES						
Flex connection plate			DB164 / DB166	DB167	DB2540 / DB2545	DB2542
1 gang blank plate	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
2 gang blank plate		DB163	DB165	DB168	DB2541	DB2543
45 AMP SWITCHES						
1 gang				DB167		DB2542
1 gang tall				DB168		DB2543
Cooker connection unit				DB168		DB2543
45A outlet				DB167		DB2542
PLATE SWITCHES						
1, 2 & 3 gang	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
4 gang		DB163	DB165	DB168	DB2541	DB2543
Intermediate	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
CEILING SWITCHES						
6A			DB2544 (34mm)			
45A				DB167	DB2540 / DB2545	DB2542
TV / TELEPHONE OUTLETS						
Standard size outlets	DB152	DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542
DIMMER SWITCHES						
1 gang/2 gang		DB162	DB164 / DB166	DB167	DB2540 / DB2545	DB2542

DETA **t:** 01582 544 548 | **e:** technical@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Back Box
Cross Reference Table

SURFACE MOUNTING

Vimark

	MOULDED BOXES			
Depth	**16mm**	**25mm**	**35mm**	**45mm**
SOCKETS				
1 gang 13A		V1221/V1225	V1222/V1226	V1228
2 gang 13A		V1223	V1224	V1229
Round pin sockets		V1221/V1225	V1222/V1226	V1228
Shaver sockets		V1223	V1224	V1229
CONNECTION UNITS				
Fused/Unfused		V1221/V1225	V1222/V1226	V1228
FLEX CONNECTION/BLANK PLATES				
Flex connection plate			V1222/V1226	V1228
1 gang blank plate	V1220E	V1221/V1225	V1222/V1226	V1228
2 gang blank plate		V1223	V1224	V1229
45 AMP CONTROL SWITCHES				
1 gang				V1228
1 gang tall				V1229
1 gang with socket				V1229
45A outlet				V1229
PLATE SWITCHES				
1, 2 & 3 gang	V1220E	V1221/V1225	V1222/V1226	V1228
4 gang		V1223	V1224	V1229
Intermediate	V1220E	V1221/V1225	V1222/V1226	V1228
ARCHITRAVE SWITCHES				
1 gang	V1324			
2 gang	V1325			
CEILING SWITCHES				
6A				
45A				V1228
TV/TELEPHONE OUTLETS				
Single & twin, Co-axial & Satellite		V1221/V1225	V1222/V1226	V1228
DIMMER SWITCHES				
1 gang/2 gang		V1221/V1225	V1222/V1226	V1228

Back Box
Cross Reference Table

SURFACE MOUNTING

Vimark Curve

	MOULDED BOXES			
Depth	**16mm**	**25mm**	**35mm**	**45mm**
SOCKETS				
1 gang 13A		VC1221	VC1222	VC1228
2 gang 13A		VC1223	VC1224	VC1229
Round pin sockets		VC1221	VC1222	VC1228
Shaver sockets		VC1223	VC1224	VC1229
CONNECTION UNITS				
Fused/Unfused		VC1221	VC1222	VC1228
FLEX CONNECTION/BLANK PLATES				
Flex connection plate			VC1222	VC1228
1 gang blank plate	VC1220E	VC1221	VC1222	VC1228
2 gang blank plate		VC1223	VC1224	VC1229
45 AMP CONTROL SWITCHES				
1 gang				VC1228
1 gang tall				VC1229
1 gang with socket				VC1229
45A outlet				VC1229
PLATE SWITCHES				
1, 2 & 3 gang	VC1220E	VC1221	VC1222	VC1228
4 gang		VC1223	VC1224	VC1229
Intermediate	VC1220E	VC1221	VC1222	VC1228
TV/TELEPHONE OUTLETS				
Single & twin, Co-axial & Satellite		VC1221	VC1222	VC1228
DIMMER SWITCHES				
1 gang/2 gang		VC1221	VC1222	VC1228

DETA **t:** 01582 544 548 | **e:** technical@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Terminal Capacity

Product	No. & size of conductors accommodated					
	1.0mm²	1.5mm²	2.5mm²	4.0mm²	6.0mm²	10mm²
13 Amp sockets			4	2	2	1
Connection units			4	2	1	1
2 Amp round pin sockets	3	2	1			
5 Amp round pin sockets		3	2			
15 Amp round pin sockets		4	3	1		
20 Amp switch			4	2	1	1
Shaver socket outlet	3	2	1			
45 Amp switches			5	3	2	1
Plate switches	4	3				

Mounting Box Knockouts

Mounting Boxes

Knockouts	DB164	DB165	DB171	DB172	DB173	DB174
20mm	6	8	4	5	7	8
25mm	2	4	4	5	7	8
dimensions (mm)	72x72x35	132x72x35	132x132x42	132x192x42	192x192x60	192x250x60

Knockouts	M1228	M1229	M1230	M1231	M1232	M1233
20mm	5	8	4	6	7	8
25mm			4	6	7	8
dimensions (mm)	78x78x41	136x78x41	136x136x42	136x197x42	197x197x60	197x258x60

Lampholder 'T' Rating

Bayonet (B22) lampholders without a T marking or marked T1 are suitable for temperatures on the cap up to and including 165ºC. Bayonet (B22) lampholders with a T2 marking are suitable for temperatures on the cap up to and including 210ºC.

Alternatively T ratings may state the operating temperature, e.g. T190 would equate to 190ºC.

Lamp cap temperatures will depend on the lampholder orientation, lampshade or enclosure used and lamp rating.

Refer to the I.E.E. Wiring Regulation (BS7671) for the use of T2 rated lampholders.

Engraving

An engraving service is available for a limited range of white wiring accessories. Products can be engraved in an upper and lower case standard font, with either red or black in fill.

Engraved products must be ordered in multiples of 10, and are available with a 14 day lead time for stock items, with delivery subject to normal terms.

To order engraved products, please contact the sales office.

Universal Dimmers

Universal dimmer switches are suitable for controlling LED, incandescent and low voltage loads.

Universal Dimmers
Deta's Universal Dimmers can operate a single 5W lamp up to 100W of Dimmable LED lamps and they are optimised to control our dimmable LED Fire Rated Downlights. They can also be configured to control other leading brands of LED lamps, with minimal re-programming.

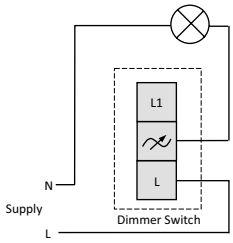
The Universal dimmer can be reprogrammed from Leading Edge (LE) to Trailing Edge (TE) mode if compatibility issues are found when dimming LED lamps. In addition to this the minimum dimming can be set – see instruction leaflet.

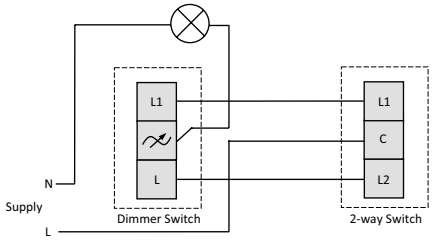
For optimum performance, all the LED lamps connected to the dimmer must be of the same brand and wattage.

Deta's Universal dimmers can be used in 2 way circuits, with a dimmer in one position and a switch in the other.

They are available in Deta's Vimark, Vimark Curve and Vimark Evo ranges in both 1g and 2g, and as a Gridswitch Module.

Universal Dimmer Wiring Diagram





Grid Dimmers

Installation – Gridswitch dimmers
Dimmer switch modules in the Gridswitch range need to be de-rated need when installed in multiple gang frontplates. Also, the dimmer switches must be installed in the lower rows of the frontplate.
It is recommended that back boxes for dimmer switches are at least 40mm deep.

Dimmers in the bottom row should be de-rated to 75% of the their maximum load. Dimmers in the second from bottom row should be de-rated to 50% of the their maximum load, and dimmers in the third from bottom row should be de-rated to 50%. It is not advisable to install dimmers in the top row.

The 700W dimmer, G3524, takes up two module spaces, and a blank is needed with it.

The 1 – 10V control, G3604, is suitable for controlling up to 60 dimmable ballasts. A separate switch module is needed to switch the ballasts which must be rated to control the load. It is recommended that 1.00mm^2 cable is used for the ELV control signal, which should not be run in the same cable containment system as the mains voltage cables, as per the IEE Wiring Regulations.

TV Systems

- TV Outlets fitted with cable clamps to ensure no sharp bends in the cable
- TV outlets or modules must not be installed in the same enclosure as mains voltage systems. Deta Media Plates provide separation between mains and low voltages.

TV Outlets

There are various types of TV systems and therefore a suitable system will be subject to the requirements of the installation. A basic system may have one satellite dish or aerial feeding a single TV connection point. However, where multiple TV outlets are required, the signal will need to be distributed accordingly, and may involve the use of splitters or amplifiers.

Isolated sockets are intended for use where safety isolation (rated at 2kV) is required to provide protection against high voltages on different parts of the distribution system. Therefore, isolated sockets are to be installed where multiple co-axial socket outlets are required.

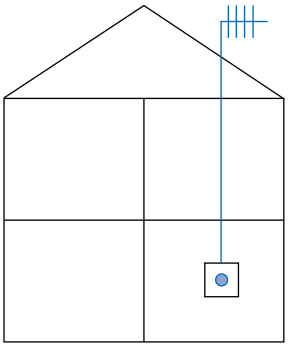
Diplexer outlets are intended for use where both TV and FM/DAB signals are combined on a single downlead. The filter within the diplexer separates the appropriate signal and feeds them to the relevant output connection.

Triplexer outlets are intended for use where TV, FM/DAB and satellite signals are combined on a single downlead. The filter within the triplexer separates the appropriate signal and feeds them to the relevant output connection. The triplexer provides a DC control path in the SAT signal path.

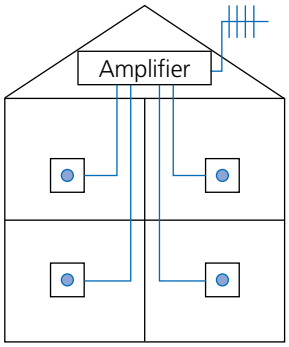
Quadplexer outlets contain TV, FM/DAB and two satellite outlets and are intended for use with Sky+, or more complex installations.

A range of data plates and modules are also available in all Deta ranges, which allow the use of additional modules such as co-axial return sockets, data modules and telephone outlets for interactive TV applications.

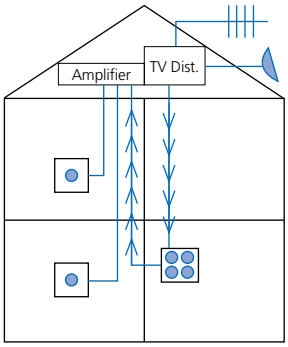
Typical Installations



Basic domestic installation where a non-isolated co-axial outlet is connected directly to the aerial.



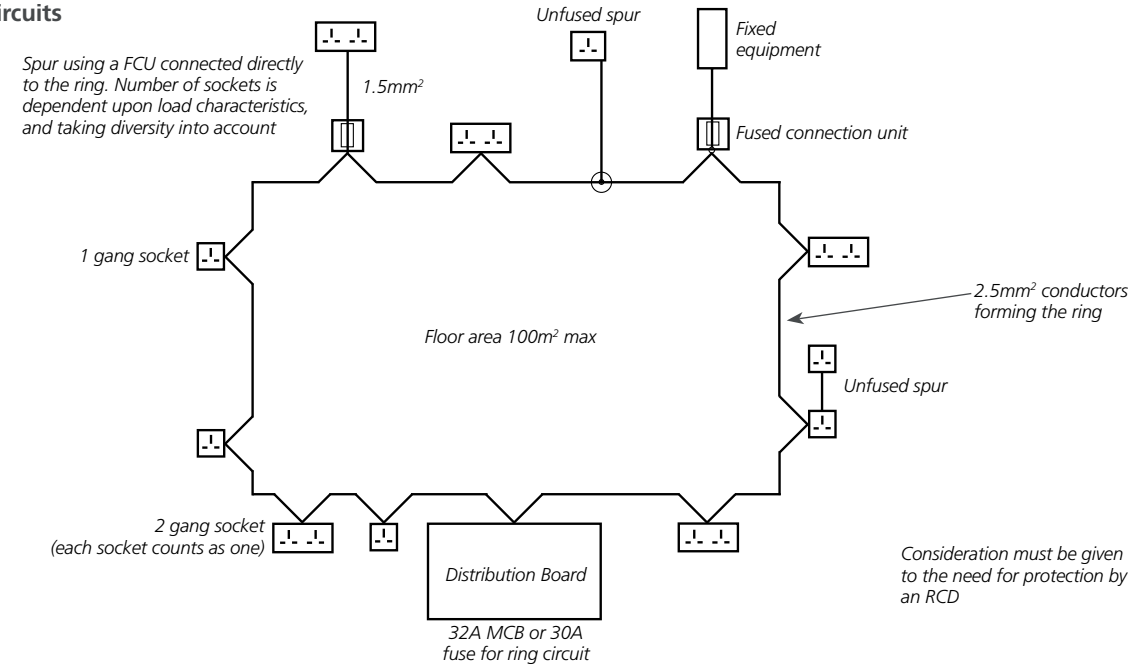
TV signal split to multiple rooms using isolated co-axial outlets wired separately to a splitter/amplifier.



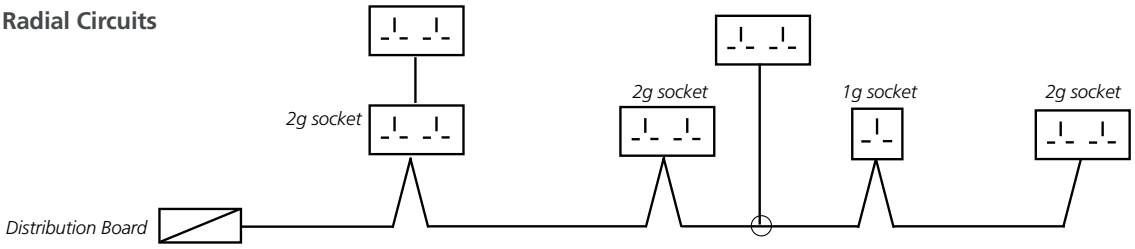
Domestic installation with satellite, including return feed for distribution to outlets in other rooms.

Wiring Circuits

Final Ring Circuits



Final Radial Circuits



Final Circuits Using BS 1363 Socket-Outlets

Type of Circuit	Overcurrent protective device		Minimum conductor size*		Maximum floor area served
			Copper conductor Thermo-setting or PVC insulation	Copper conductor mineral insulated cables	
	Rating Amps	Type	mm²	mm²	m²
Ring	30 or 32	Any	2.5	1.5	100
Radial	30 or 32	Cartridge fuse or circuit breaker	4	2.5	75
Radial	20	Any	2.5	1.5	50

*The tabulated values of conductor size may be reduced for fused spurs

Refer to the IEE Wiring Regulations (BS 7671) for a complete description of conventional circuit arrangements.

DETA t: 01582 544 548 | e: technical@detaelectrical.co.uk | w: detaelectrical.co.uk

IP Ratings

The IP (international protection) rating given to an enclosure states the degree of protection it offers by means of two digits.

A summary of these is shown below; for a more detailed definition, see IEC 529: 1989, BS EN 60529: 1992.

First Digit
Protection against solid foreign objects and access to hazardous parts

The first digit covers protection against penetration by solid objects, which includes hands and tools such as screwdrivers. At the lowest of seven levels, 0, no protection is offered, either of the equipment itself from damage by intrusion or of a person contacting live or moving parts. At the highest, 6, there shall be no entry of dust.

IP

0 No protection
1 Protected against solid objects up to 50mm eg accidental touch by hands
2 Protected against solid objects up to 12mm, eg fingers
3 Protected against solid objects over 2.5mm, eg tools and wires
4 Protected against solid objects over 1mm, eg tools, wires and small wires
5 Protected against dust - limited ingress, no harmful deposits
6 Totally protected against dust

Second Digit
Protection against ingress of water

The second digit covers the degree of protection against the entry of water, on a progressive scale. For example, number 1 indicates that dripping water shall have no harmful effect, and number 6, that water projected in powerful jets against the enclosure from any direction shall have no harmful effects.

IP

0 No protection
1 Protected against vertical falling drops of water, eg condensation
2 Protected against direct sprays of water up to 15° from the vertical
3 Protected against sprays of water up to 60° from the vertical
4 Protected against water splashed from all directions - limited ingress permitted
5 Protected against low pressure jets of water from all directions - limited ingress permitted
6 Protected against strong jets of water, eg for use on ship decks - limited ingress permitted

The letter X can be used in place of the first or second digit to indicate that tests have either not been made or are not applicable.

NOTE

In the event of additional holes being drilled/pierced or knockouts removed, suitable measures should be taken to restore the products to the original ratings.

IEC 529, BS EN 60529 does not apply to protection against the risk of explosion or conditions such as humidity, corrosive gases, fungi or vermin. In certain cases equipment designed to be mounted in an enclosure will contribute towards the stated IP rating (eg pushbuttons mounted in an enclosure). Different parts of enclosures can have different degrees of protection and still conform to the standard (eg enclosures with pre-drilled conduit entry).

Index

Catalogue Number	Page Number
78	75
82	75
185	75
187	75
189	75
218	81
542	81
544	81
550	81
551	81
994	70
1006	67
1016	67
1019	67
1210	76
1212	76
1220	76
1504	77
1505	77
3250	77
3253	77
4600	64
4601	64
4603	64
4616	65
4617	65
4630	64
4631	64
4640	65
4641	65
4660	64
4661	64
4666	64
4820	66
4821	66
4822	66
4824	66
4880	66
4881	66
4882	66
4884	66
19023	80
19024	80
19026	80
1201P	76
1202P	76

Catalogue Number	Page Number
1203P	76
1204P	76
1205P	76
1503HD	77
188R1	75
188R3	75
188R5	75
214WH	81
215WH	81
218WH	81
532BK	79
533BK	79
534B/250	79
534BK	79
535B/250	79
535BK	79
536B/250	79
536BK	79
630WH	80
631WH	80
632WH	80
85F	75
91WSST2	56
97HOT2	56
C3721	76
C3722	76
DB152	61
DB162	61
DB163	61
DB164	52, 61
DB165	52, 61
DB166	61
DB167	61
DB168	61
DB169	61
DB170	61
DB171	52
DB172	52
DB173	52
DB174	52
DB184	61
DB2540	60
DB2541	60
DB2542	60
DB2543	60
DB2544	60

Catalogue Number	Page Number
DB2545	60
DB2546	60
DB2547	60
DB2548	60
DT20005	86
DT20300	84
DT20375	84
DT21120G	85
DT21125G	85
DT21132G	85
DT21320G	86
DT21325G	86
DT21420G	86
DT21425G	86
DT22120G	85
DT22125G	85
DT22132G	85
DT22220G	86
DT22225G	86
DT22320G	86
DT22325G	86
DT23120G	85
DT23125G	85
DT23132G	85
DT23320G	86
DT23325G	86
DT24120G	85
DT24125G	85
DT25120G	85
DT25125G	85
DT25132G	85
DT25300	84
DT25320G	86
DT25325G	86
DT25375	84
DT26120G	85
DT26125G	85
DT26220G	85
DT26225G	85
DT26420G	85
DT26425G	85
DT27001	86
DT27002	86
DT30001	86
DT30002	86
DT31013Z	86

Catalogue Number	Page Number
DT31016Z	86
DT31020Z	86
DT31025Z	86
DT31032Z	86
DT31038Z	86
DT31050Z	86
DT31120G	87
DT31125G	87
DT31132G	87
DT31138G	87
DT31150G	87
DT31220G	87
DT31225G	87
DT31320G	87
DT31325G	87
DT31332G	87
DT31420Z	87
DT31425Z	87
DT31432Z	87
DT31520G	87
DT31525G	87
DT31620G	87
DT31625G	87
DT31720G	87
DT31725G	87
DT31820G	87
DT31825G	87
DT31920G	87
DT31925G	87
DT32020G	87
DT32025G	87
DT32120G	87
DT32201G	88
DT32204G	88
DT32301	88
DT32302	88
DT32420G	88
DT32425G	88
DT32520G	88
DT32630G	88
DT32720Z	88
DT32725Z	88
DT32732Z	88
DT32820Z	88
DT32825Z	88
DT32832Z	88
DT32901Z	88
DT32902Z	88
DT32903Z	88
DT32904Z	88
DT3302016Z	88
DT3302520Z	88
DT3303220Z	88
DT3303225Z	88
DT33116Z	88
DT33120Z	88
DT33125Z	88
DT33132Z	88
DT33138Z	88
DT33150Z	88
DT33210G	90
DT33320Z	89
DT33325Z	89
DT33332Z	89
DT33338Z	89
DT33350Z	89
DT33425Z	89
DT33430Z	89
DT33432Z	89
DT33520Z	89
DT33525Z	89
DT33532Z	89
DT33538Z	89
DT33550Z	89
DT33620Z	90
DT33625Z	90
DT33820Z	90
DT33825Z	90
DT33920Z	90
DT33925Z	90
DT33932Z	90
DT34020Z	90
DT34025Z	90
DT34032Z	90
DT34120G	90
DT34125G	90
DT34132G	90
DT34220G	90
DT34225G	90
DT34232G	90
DT40120	89
DT40125	89
DT40132	89
DT40138	89
DT40150	89
DT40220	89
DT40225	89
DT40232	89
DT40238	89
DT40250	89
DT40320	89
DT40325	89
DT40332	89
DT40338	89
DT40350	89
DT40420	89
DT40425	89
DT40432	89
DT40520	89
DT40525	89
DT40532	89
DT40604	89
DT50112124G	91
DT501332G	91
DT501442G	91
DT501443G	91
DT501662G	91
DT501663G	91
DT501664G	91
DT501994G	91
DT50212124G	91
DT502332G	91
DT502442G	91
DT502443G	91
DT502662G	91
DT502663G	91
DT502664G	91
DT502994G	91
DT6012025	92
DT615	92
DTG3501	93
DTG3502	93
DTG3503	93
DTG3504	93
DTG3505	93
DTG3506	93
DTG3507	93
DTG3508	93

Index

Catalogue Number	Page Number
DTG3509	93
DTG3511	93
DTG3512	93
DTG3513	93
DTG3514	93
DTG3515	93
DTG3516	93
DTG3517	93
DTG3518	93
DTG3519	93
DTG3521	93
DTG3522	93
DTG3523	93
DTG3524	93
DTG3525	93
DTG3526	93
DTG3527	93
DTG3528	93
DTG3529	93
DTG3531	93
DTG3532	93
DTG3533	93
DTG3534	93
DTG3535	93
DTG3536	93
DTG3537	93
DTG3538	93
DTG3539	93
DTS20375	84
DTS25375	84
DTS32375	84
G2601	42
G2602	42
G2603	42
G2604	42
G2605	42
G2606	42
G2607	42
G2608	42
G2701	43
G2702	43
G2703	43
G2704	43
G2705	43
G2706	43
G2801	44
G2802	44
G2803	44
G2804	44
G2805	44
G2806	44
G3321	45
G3322	45
G3323	45
G3324	45
G3325	45
G3326	45
G3327	45
G3328	45
G3329	45
G3330	45
G3401	51
G3402	51
G3403	51
G3404	51
G3406	51
G3501	46
G3502	46
G3503	46
G3511	46
G3512	46
G3513	46
G3514	47
G3515	47
G3516	46
G3517	46
G3519	47
G3520	47
G3523	50
G3525	46
G3532	49
G3533	49
G3534	49
G3534GR	51
G3536	49
G3537	49
G3538	49
G3541	50
G3542	50
G3543AM	51
G3543RD	51
G3544	50
G3551	48
G3552	48
G3553	48
G3554	48
G3555	48
G3556	48
G3557	48
G3558	48
G3559	48
G3560	48
G3561	48
G3562	48
G3563	48
G3564	48
G3565	48
G3566	48
G3567	48
G3571	48
G3572	48
G3573	48
G3574	48
G3575	48
G3576	48
G3577	48
G3578	48
G3579	48
G3580	48
G3581	48
G3582	48
G3583	48
G3584	48
G3585	48
G3586	48
G3587	48
JHL4M	73
JHL4MREM	73
JPZ30507	73
JPZ3061	73
L1061	70
L1066	70
L1067	70
L1068	70
L1069	70
L2305	72
L2305LED	72
L2309	72

Catalogue Number	Page Number
L2342	71
L2344	71
L2345	71
L2346	71
L2347	71
L2348	71
L2349	71
M1200	38
M1201	38
M1203	36
M1204	36
M1205	36
M1206	36
M1207DP	36
M1208	36
M1209DP	36
M1210	37
M1210FL	37
M1211	37
M1211FL	37
M1212	37
M1212FL	37
M1213	37
M1214	37
M1214FL	37
M1217	37
M1222	39
M1228	38, 52
M1228N	38, 52
M1229	38, 52
M1229N	38, 52
M1230	52
M1231	52
M1232	52
M1233	52
M1299	36
M1300P	38
M1303	36
M1304	36
M1305	36
M1307DP	36
M1309DP	36
M1310	37
M1311	37
M1314	37
M1317	37
S1066T2	57
S1419WH	8, 18
S1425	13, 23, 33, 41
S1428	13, 23, 33, 41
S1429	13, 23, 33, 41
S1430	13, 23, 33, 41
S1431	13, 23, 33, 41
S1432	13, 23, 33, 41
S1433	13, 23, 33, 41
S1434	13, 23, 33, 41
S1435	13, 23, 33, 41
S1436	13, 23, 33, 41
S1437	13, 23, 33, 41
S1438	13, 23, 33, 41
S1439	13, 23, 33, 41
S1440	13, 23, 33, 41
S1441	13, 23, 33, 41
S1442	13, 23, 33, 41
S1445	13, 23, 33, 41
S1446	13, 23, 33, 41
S1447	13, 23, 33, 41
S1448	13, 23, 33, 41
S1449	13, 23, 33, 41
S96HOT2	57
S97HOT2	57
SP0001	8, 18, 26, 61
SP0003	8, 18, 26, 61
SP0004	8, 18, 26, 28
V1200	12
V1201	12
V1202	7
V1203	7
V1204	7
V1205	7
V1206	6
V1207DPP	6
V1207R	6
V1207S	6
V1207SDP	6
V1208	6
V1209DPP	6
V1209R	6
V1209S	6
V1209SDP	6
V121003	9
V121013	9
V1210P13	9
V1210P3	9
V1211	9
V1212	9
V1213	9
V1213WH	9
V1214	9
V1214WH	9
V1215	12
V1216	12
V1217	10, 12
V1218P	9
V1220E	59
V1221	59
V1222	52, 59
V1223	59
V1224	52, 59
V1225	59
V1226	59
V1228	59
V1229	59
V1231	59
V1244	7
V1245	7
V1246	7
V1247	7
V1249	7
V1249B	7
V1255	8
V1256	8
V1264	12
V1265	12
V1266	12
V1268	12
V1278	56
V1280	56
V1283	56
V1285T2	57
V1289	56
V1290T2	57
V1297	57
V1298	57
V1299	56
V1300	10
V1300P	10
V1301	10

Index

Catalogue Number	Page Number
V1301P	10
V1302	10
V1302P	10
V1305	11
V1321	7
V1322	7
V1323	7
V1324	59
V1325	59
V1326	7, 12
V1330	6
V1331	6
V1332	6
V1350	11
V1351	11
V1352	11
V1353	11
V1354	11
V1362	13
V1364	13
VC1200	22
VC1201	22
VC1202	17
VC1203	17
VC1204	17
VC1205	17
VC1206	16
VC1207DPP	16
VC1207R	16
VC1207S	16
VC1207SDP	16
VC1208	16
VC1209DPP	16
VC1209R	16
VC1209S	16
VC1209SDP	16
VC1215	22
VC1216	22
VC1217	20
VC1218P	19
VC1220E	59
VC1221	59
VC1222	52
VC1222	59
VC1223	59
VC1224	52

Catalogue Number	Page Number
VC1224	59
VC1228	59
VC1229	59
VC1244	17
VC1245	17
VC1246	17
VC1247	17
VC1249	17
VC1249B	17
VC1261	18
VC1262	18
VC1264	21
VC1265	21
VC1266	21
VC1298	16
VC1299	16
VC1300	20
VC1300P	20
VC1302	20
VC1302P	20
VC1305	21
VC1310	20
VC1310P	20
VC1331	17
VC1340	21
VC1352	21
VC1353	21
VC1354	21
VC1360	19
VC1361	19
VC1364	19
VC1370	19
VC1371	19
VC1374	19
VC1375	19
VC1390	19
VC1390WH	19
VC1391	19
VC1392	19
VC1392WH	19
VC1393	19
VC1421	22
VC1422	22
VC1424	22
VE1200	32
VE1201	32

Catalogue Number	Page Number
VE1203	27
VE1204	27
VE1205	27
VE1207	26
VE1209	26
VE1244	27
VE1246	27
VE1247	27
VE1261	28
VE1262	28
VE1264	31
VE1265	31
VE1298	26
VE1299	26
VE1300	30
VE1300P	30
VE1301	30
VE1301P	30
VE1302P	30
VE1305	31
VE1331	27
VE1340	31
VE1352	31
VE1353	31
VE1360	29
VE1361	29
VE1370	29
VE1371	29
VE1373	29
VE1390	29
VE1391	29
VE1421	32
VE1422	32
VE1424	32

DETA **t:** 01582 544 544 | **e:** sales@detaelectrical.co.uk | **w:** detaelectrical.co.uk

Deta's comprehensive range of high quality wiring and electrical accessories provide a reliable and efective solution for residential, commercial or industrial applications. From switches and sockets to cable, ventilation, lighting and trade essentials, Deta offers a wide range of everyday products for the Electrical Wholesaler.

With a substantial warehouse and distribution facility based centrally in Bedfordshire and an extensive stock holding to support, Deta is well positioned to provide excellent service and support to its customers nationwide.

A brand you can rely on
Quality is at the heart of everything we do and remains a core focus for Deta; from development, testing and manufacture to warehousing, logistics and customer service. We are proud to hold the following accreditations and memberships:

✓ISO 9001 Quality Management Accreditation
✓ISO 14001 Environmental Management Accreditation
✓Membership with BSI

Wiring Accessories
Vimark ranges and Ceiling Accessories

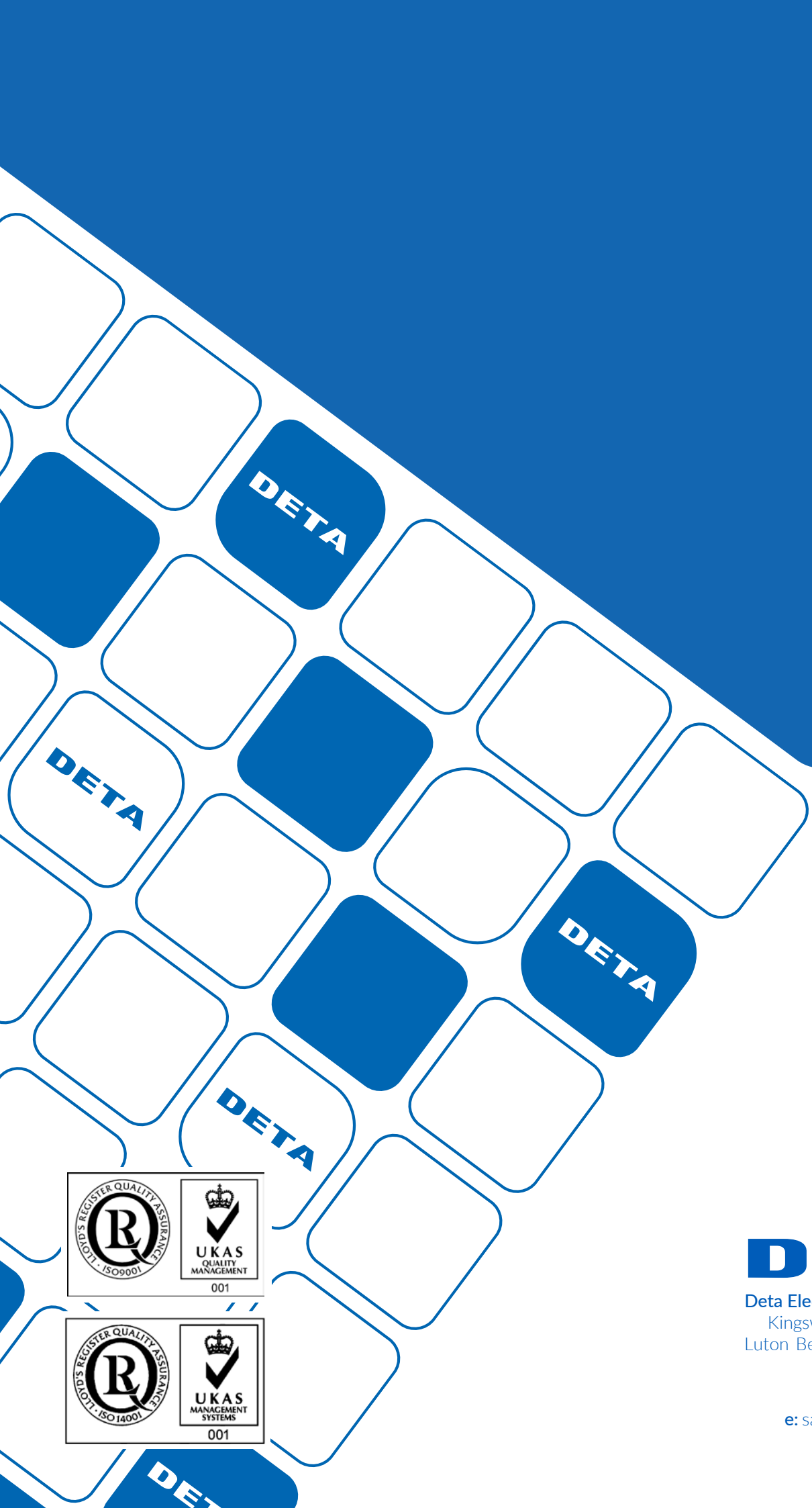
Ventilation
Domestic fans and accessories

Lighting
Luminaires, PIR's, Floodlights

Electrospares
Plugtops, Adaptors

Cable
Wide range of low voltage cable

Deta TTE
Conduit Tube, Conduit Fittings



DETA

Deta Electrical Company Limited
Kingsway House Laporte Way
Luton Bedfordshire LU4 8RJ UK

t: +44 (0) 1582 544 544
f: +44 (0) 1582 544 501
e: sales@detaelectrical.co.uk
w: detaelectrical.co.uk