



NEW Titan II 'A' & 'B' Distribution Boards

'A' Type Board

Specification:

- Powder Coated Epoxy Resin Finish RAL 2002
- Manufactured and tested to BS EN 60439 parts 1 & 2
- Designed in the UK to BS EN 60439-3 1991
- Maximum busbar rating 125A
- Degree of protection IP3X to BS EN 60529
- Blank gland plates for ease of installation
- Removable hinged doors with slotted lock which can easily be replaced on site with a door lock
- Key hole slots for ease of fixing
- Maximum terminal capacity of Earth bar 25mm²
- Maximum terminal capacity of Neutral bar 25mm²
- Incomer can be up-rated at any-time in the future*
- Wide choice if incomers available Lugs, RCDs, Isolators and mcbs. Maximum rating 125A
- Contactors, timers etc can be fitted along side mcbs.



MAIS12

**12 Way SP&N MCB Board c/w
Double Pole 125A Incomer**

Features

- Solid Sides
- Removable door
- Removable Plain Gland Plates
- Full length Earth & Neutral Bars
- Factory fitted incomer, no extra cost
- Full length DIN Rail
- Split load and 17th edition boards available
- Fully metered Lighting and Power boards available.
- Meter packs available
- Matching DIN rail enclosures
- Removable pan assembly

Benefits

- Allow glanding in the sides
- Reduced installation time
- Ability to gland cable where you want to
- RCBOs can be fitted any where in the board
- Saves time on site, no parts to loose
- Contactors, timers etc. can be fitted inside the board
- Full compliance to 17th edition wiring regulations
- Full compliance with Part L2
- For compliance with Part L2
- House Command and Control equipment
- Ease of mounting/wiring

Product Code

Description

MAIS12	12 way mcb board c/w 125A DP Isolator
MAIS26	26 way mcb board c/w 125A DP Isolator



NEW Titan II 'A' & 'B' Distribution Boards

Modular Enclosures

Product Code	Description
MA14	14 way modular enclosure c/w full length DIN Rail, earth and neutral bars.
MA28	28 way modular enclosure c/w full length DIN Rail, earth and neutral bars.

Metering Options

Product Code	Description
MA010K	10 way mcb board c/w 125A DP Isolator and KWH Meter
MA220K	Twin metered board 10 & 10 single pole ways two DP 100A isolators.
MA222K	Twin metered board 10 & 12 single pole ways c/w one 100A isolator.



MAIS12

12 Way SP&N MCB Board
c/w Double Pole 125A Incomer



MA28

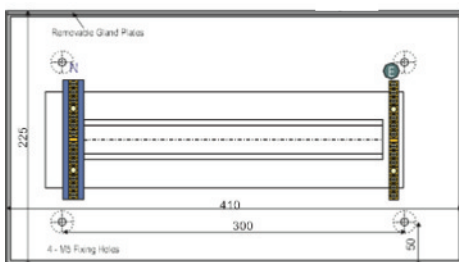
28 way modular enclosure
c/w DIN Rail earth & neutral bars



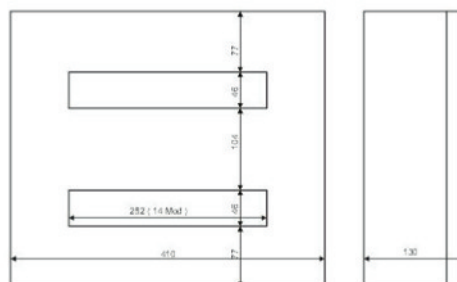
MA220K

Twin metered board 10&10
single pole ways two isolators

Dimensions



MAIS12, MA14 & MA010K



MAIS26, MA28, MA220K & MA222K



NEW Titan II 'A' & 'B' Distribution Boards

'B' Type Boards

Specification:

Powder Coated Epoxy Resin Finish RAL 2002
 Manufactured and tested to BS EN 60439 parts 1 & 2
 250A fully rated busbar
 Voltage rating 400/415v AC
 Degree of protection IP3X to BE EN 60529
 Blank gland plates for ease of installation
 Designed in the UK to BSEN 60439-3 1991
 Removable hinged doors with slotted lock which can easily be replaced on site with a door lock
 Key hole slots for ease of fixing
 Incomer can be up-rated at any-time in the future*
 Incomers of 160A and above are supplied with cable extension box as standard.
 Full length earth and neutral bars
 Half DIN rail to ensure alignment of outgoing devices
 Removable raised pan assembly to allow cables to pass underneath
 A choice of incomers, Isolators up to 250A, RCDs up to 100A, MCCBs up to 250A and RCBOs up to 250A.

Maximum capacity of earth & neutral bars 25mm²
 Accepts all Protek's 10KA mcbs B,C or D curves
 Accepts Protek's 6A to 63A Single module RCBOs and Protek's 6A to 40A 10KA Space Saver RCBOs
 18 Module DIN rail allows contactors, timers etc to be fitted in board with suitable cover plate



TP8MS3

8 Way TP&N MCB Board c/w 100A TP Incomer



Features

Solid Sides
 Removable door
 Removable Plain Gland Plates
 Pre-cut gland plates
 Full length Earth & Neutral Bars
 Factory fitted incomer (optional)
 Integral 18 module DIN Rail
 Lighting and Power Boards available.
 Metering packs available
 Split load boards available

Benefits

Allow glanding in the sides
 Reduced installation time
 Ability to gland cable where you want to
 To allow direct connecting of trunking to boards
 RCBOs can be fitted any where in the board
 Saves time on site, no parts to loose
 Contactors, timers etc. can be fitted inside the board
 Compliance with part L2 of building regulations available

Modular System
 RCBO Incomers

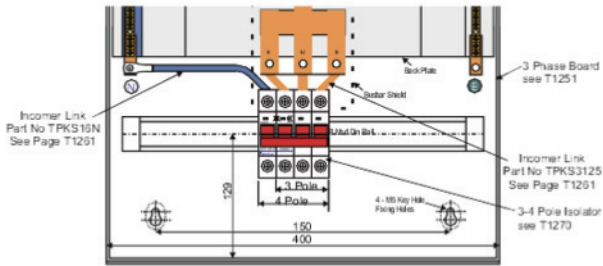
Compliance with part L2 of building regulations
 Where RCDs are required on secondary side of the Board
 Boards can be connected side by side or top to bottom
 For TT system



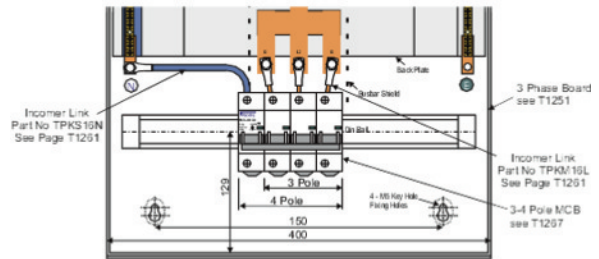
NEW Titan II 'A' & 'B' Distribution Boards

Incomer Arrangements

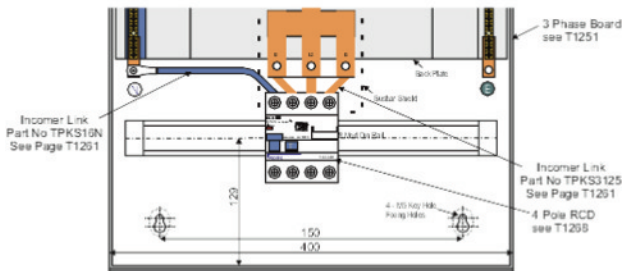
3/4 Pole Isolator 100A to 125A



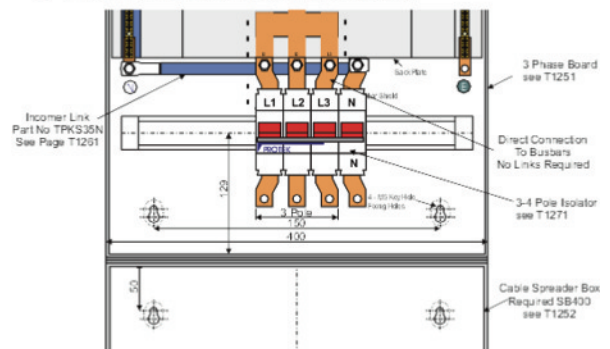
3/4 Pole MCB



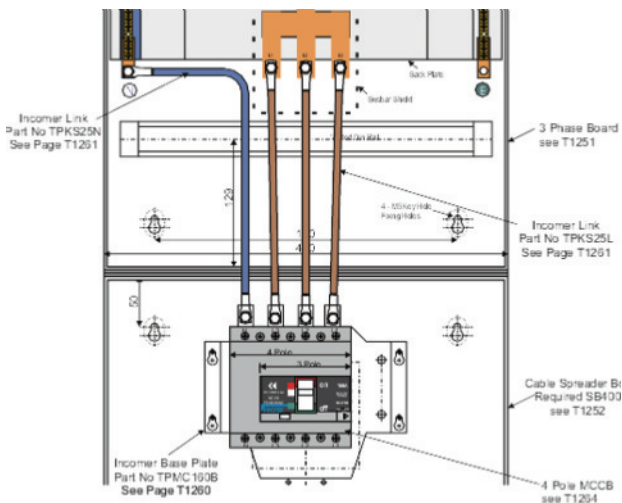
4 Pole RCD



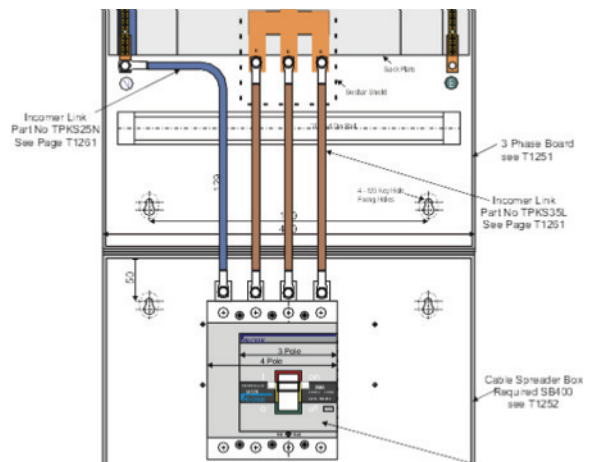
3/4 Pole 160A to 250A Isolator



3/4 Pole 63A to 160A MCCB



3/4 Pole 200A to 250A MCCB





NEW Titan II 'A' & 'B' Distribution Boards

MCB Board Less Incomer

Product Code	Description
TP4	B Type 250A Busbars 4 TP Ways
TP6	B Type 250A Busbars 6 TP Ways
TP8	B Type 250A Busbars 8 TP Ways
TP12	B Type 250A Busbars 12 TP Ways
TP16	B Type 250A Busbars 16 TP Ways
TP24	B Type 250A Busbars 24 TP Ways

MCB Board Incomer Kit TP&N

Product Code	Description
MS363K	63A TP Incoming kit c/w isolator and connectors
MS3100K	100A TP Incoming kit c/w isolator and connectors
MS3125K	125A TP Incoming kit c/w isolator and connectors
MS3160K	160A TP Incoming kit c/w isolator and connectors & spreader box
MS3200K	200A TP Incoming kit c/w isolator and connectors & spreader box
MS3250K	250A TP Incoming kit c/w isolator and connectors & Spreader box

MCB Board Incomer Kit Four Pole

Product Code	Description
MS463K	63A 4P Incoming kit c/w isolator and connectors
MS4100K	100A 4P Incoming kit c/w isolator and connectors
MS4125K	125A 4P Incoming kit c/w isolator and connectors
MS4160K	160A 4P Incoming kit c/w isolator and connectors & spreader box
MS4200K	200A 4P Incoming kit c/w isolator and connectors & spreader box
MS4250K	250A 4P Incoming kit c/w isolator and connectors & Spreader box

MCB Board 100A TP Incomer

Product Code	Description
TP4MS3	250A 3 Phase 4 Way 100A Switch
TP6MS3	250A 3 Phase 6 Way 100A Switch
TP8MS3	250A 3 Phase 8 Way 100A Switch
TP12MS3	250A 3 Phase 12 Way 100A Switch
TP16MS3	250A 3 Phase 16 Way 100A Switch
TP24MS3	250A 3 Phase 24 Way 100A Switch



NEW Titan II 'A' & 'B' Distribution Boards

MCB Board 100A Four Pole Incomer

Product Code	Description
TP4MS4	250A 3 Phase 4 Way 100A Switch
TP6MS4	250A 3 Phase 6 Way 100A Switch
TP8MS4	250A 3 Phase 8 Way 100A Switch
TP12MS4	250A 3 Phase 12 Way 100A Switch
TP16MS4	250A 3 Phase 16 Way 100A Switch
TP24MS4	250A 3 Phase 24 Way 100A Switch

MCB Board 125A TP Incomer

Product Code	Description
TP4MS3125	250A 3 Phase 4 Way 125A Switch
TP6MS3125	250A 3 Phase 6 Way 125A Switch
TP8MS3125	250A 3 Phase 8 Way 125A Switch
TP12MS3125	250A 3 Phase 12 Way 125A Switch
TP16MS3125	250A 3 Phase 16 Way 125A Switch
TP24MS3125	250A 3 Phase 24 Way 125A Switch

MCB Board 125A Four Pole Incomer

Product Code	Description
TP4MS4125	250A 3 Phase 4 Way 125A Switch
TP6MS4125	250A 3 Phase 6 Way 125A Switch
TP8MS4125	250A 3 Phase 8 Way 125A Switch
TP12MS4125	250A 3 Phase 12 Way 125A Switch
TP16MS4125	250A 3 Phase 16 way 125A Switch
TP24MS4125	250A 3 Phase 24 way 125A Switch

MCB Board 160A TP Incomer

Product Code	Description
TP4MS3160	250A 3 Phase 4 Way 160A Switch & spreader box
TP6MS3160	250A 3 Phase 6 Way 160A Switch & spreader box
TP8MS3160	250A 3 Phase 8 Way 160A Switch & spreader box
TP12MS3160	250A 3 Phase 12 Way 160A Switch & spreader box
TP16MS3160	250A 3 Phase 16 Way 160A Switch & spreader box
TP24MS3160	250A 3 Phase 24 Way 160A Switch & spreader box



NEW Titan II 'A' & 'B' Distribution Boards

MCB Board 160A Four Pole Incomer

Product Code	Description
TP4MS4160	250A 3 Phase 4 Way 160A Switch & spreader box
TP6MS4160	250A 3 Phase 6 Way 160A Switch & spreader box
TP8MS4160	250A 3 Phase 8 Way 160A Switch & spreader box
TP12MS4160	250A 3 Phase 12 Way 160A Switch & spreader box
TP16MS4160	250A 3 Phase 16 Way 160A Switch & spreader box
TP24MS4160	250A 3 Phase 24 Way 160A Switch & spreader box

MCB Board 200A TP Incomer

Product Code	Description
TP4MS3200	250A 3 Phase 4 Way 200A Switch & spreader box
TP6MS3200	250A 3 Phase 6 Way 200A Switch & spreader box
TP8MS3200	250A 3 Phase 8 Way 200A Switch & spreader box
TP12MS3200	250A 3 Phase 12 Way 200A Switch & spreader box
TP16MS3200	250A 3 Phase 16 Way 200A Switch & spreader box
TP24MS3200	250A 3 Phase 24 Way 200A Switch & spreader box

MCB Board 200A Four Pole Incomer

Product Code	Description
TP4MS4200	250A 3 Phase 4 Way 200A Switch & spreader box
TP6MS4200	250A 3 Phase 6 Way 200A Switch & spreader box
TP8MS4200	250A 3 Phase 8 Way 200A Switch & spreader box
TP12MS4200	250A 3 Phase 12 Way 200A Switch & spreader box
TP16MS4200	250A 3 Phase 16 Way 200A Switch & spreader box
TP24MS4200	250A 3 Phase 24 Way 200A Switch & spreader box

MCB Board 250A TP Incomer

Product Code	Description
TP4MS3250	250A 3 Phase 4 Way 250A Switch & spreader box
TP6MS3250	250A 3 Phase 6 Way 250A Switch & spreader box
TP8MS3250	250A 3 Phase 8 Way 250A Switch & spreader box
TP12MS3250	250A 3 Phase 12 Way 250A Switch & spreader box
TP16MS3250	250A 3 Phase 16 Way 250A Switch & spreader box
TP24MS3250	250A 3 Phase 24 Way 250A Switch & spreader box



NEW Titan II 'A' & 'B' Distribution Boards

MCB Board 250A Four Pole Incomer

Product Code	Description
TP4MS4250	250A 3 Phase 4 Way 250A Switch & spreader box
TP6MS4250	250A 3 Phase 6 Way 250A Switch & spreader box
TP8MS4250	250A 3 Phase 8 Way 250A Switch & spreader box
TP12MS4250	250A 3 Phase 12 Way 250A Switch & spreader box
TP16MS4250	250A 3 Phase 16 Way 250A Switch & spreader box
TP24MS4250	250A 3 Phase 24 Way 250A Switch & spreader box

Cable Spreader Boxes

Product Code	Description
SB400	Cable box 400x 410x 110mm for 250A mcb boards
SB225	Cable box 225x 410x 110mm for 250A mcb boards

Modular Enclosures to house DIN Rail equipment

Product Code	Description
AB14/1PH	14 Mod din rail enclosure to fit above or below mcb board
AB28	28 Mod din rail enclosure to fit above or below mcb board

Accessories

Product Code	Description
E-DIS	Earth Disconnecter
N-DIS	Neutral Disconnecter
SPCK250	Single Phasing Kit for 250A incomer

Meter Pack Options

Product Code	Description
MA250KWHP	Meter kit for three phase board c/w pulsed output
MA250KWHM	Meter kit for three phase board c/w Modbus output
MA100KWHP	100A Direct Connecting KWH Meter Pack Pulsed Output
MA200KWHP	Direct Connecting Dual 100A KWH meters with pulsed output



PROTEK

NEW Titan II 'A' & 'B' Distribution Boards



Removable Hinged Door



MA250KWHP
Meter Pack



MCCB Incomer



MA100KWHP
Direct connecting
Meter Pack

Single Metered Boards

125A Boards c/w Four Pole Incomer and Multi-Function KWH Meter

Product Code	Description
TP4MS4125M	4 Way TPN MCB Board with Integral KWH 125A Incomer
TP6MS4125M	6 Way TPN MCB Board with Integral KWH 125A Incomer
TP8MS4125M	8 Way TPN MCB Board with Integral KWH 125A Incomer
TP12MS4125M	12 Way TPN MCB Board with Integral KWH 125A Incomer
TP16MS4125M	16 Way TPN MCB Board with Integral KWH 125A Incomer
TP24MS4125M	24 Way TPN MCB Board with Integral KWH 125A Incomer

250A Boards c/w Four Pole Incomer and Multi-Function KWH Meter

Product Code	Description
TP4MS4250M	4 Way TPN MCB Board with Integral KWH 250A Incomer
TP6MS4250M	6 Way TPN MCB Board with Integral KWH 250A Incomer
TP8MS4250M	8 Way TPN MCB Board with Integral KWH 250A Incomer
TP12MS4250M	12 Way TPN MCB Board with Integral KWH 250A Incomer
TP16MS4250M	16 Way TPN MCB Board with Integral KWH 250A Incomer
TP24MS4250M	24 Way TPN MCB Board with Integral KWH 250A Incomer

*N.B When ordering board please add a P if pulsed output is required or M if modbus is required as a suffix to the part number. i.e. a 12 way metered board with a 125A incomer and pulsed output would be a **TP12MS4125MP**.*



NEW Titan II 'A' & 'B' Distribution Boards

Metered Board



TP8MS4125M

Dual Metered Boards

125A Boards c/w Four Pole Incomer and Two Multi-Function KWH Meters

Product Code	Description
TPM4/3M4125	Dual metered board c/w 125A incomer 4/3 split
TPM6/5M4125	Dual metered board c/w 125A incomer 6/5 split
TPM8/3M4125	Dual metered board c/w 125A incomer 8/3 split
TPM8/7M4125	Dual metered board c/w 125A incomer 8/7 split
TPM10/5M4125	Dual metered board c/w 125A incomer 10/5 split
TPM12/3M4125	Dual metered board c/w 125A incomer 12/3 split
TPM12/11M4125	Dual metered board c/w 125A incomer 12/11 split
TPM14/9M4125	Dual metered board c/w 125A incomer 14/9 split
TPM16/7M4125	Dual metered board c/w 125A incomer 16/7 split
TPM18/5M4125	Dual metered board c/w 125A incomer 18/5 split



NEW Titan II 'A' & 'B' Distribution Boards

250A Boards c/w Four Pole Incomer and Two Multi-Function KWH Meters

Product Code	Description
TPM4/3M4250	Dual metered board c/w 250A incomer 4/3 split
TPM6/5M4250	Dual metered board c/w 250A incomer 6/5 split
TPM8/3M4250	Dual metered board c/w 250A incomer 8/3 split
TPM8/7M4250	Dual metered board c/w 250A incomer 8/7 split
TPM10/5M4250	Dual metered board c/w 250A incomer 10/5 split
TPM12/3M4250	Dual metered board c/w 250A incomer 12/3 split
TPM12/11M4250	Dual metered board c/w 250A incomer 12/11 split
TPM14/9M4250	Dual metered board c/w 250A incomer 14/9 split
TPM16/7M4250	Dual metered board c/w 250A incomer 16/7 split
TPM18/5M4250	Dual metered board c/w 250A incomer 18/5 split

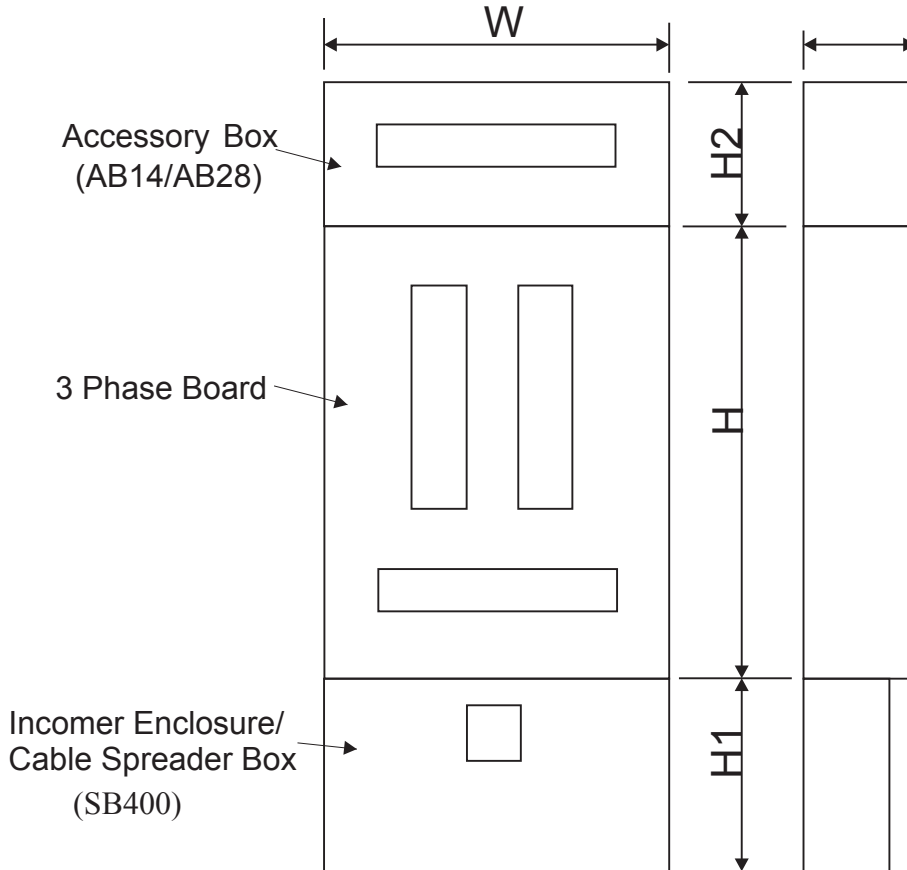
*N.B When ordering board please add a P if pulsed output is required or M if modbus is required as a suffix to the part number. i.e. a 12 way metered board with a 125A incomer and pulsed output would be a **TP12MS4125MP**.*

Dual Metered Boards

Awaiting Photograph



3 Phase Board Dimensions



Code	No. of Ways	Height	Width	Depth
TP4	4 TP Ways	470 mm	410 mm	130 mm
TP6	6 TP Ways	525 mm	410 mm	130 mm
TP8	8 TP Ways	580 mm	410 mm	130 mm
TP12	12 TP Ways	690 mm	410 mm	130 mm
TP16	16 TP Ways	795 mm	410 mm	130 mm
TP24	24 TP Ways	1010 mm	410 mm	130 mm
SB400		400 mm	410 mm	130 mm
AB14	14 SP Ways	230 mm	410 mm	130 mm
AB28	28 SP Ways	350 mm	410 mm	130 mm

phone **01543 46 75 75**
 fax **01543 46 23 70**
 email **sales@protekuk.co.uk**

