

# FIRE AND SAFETY SYSTEMS

A range of products designed to British Standard regulations, specifically suited for wiring fire alarm systems and for protection against fire.



FIRE AND SAFETY SYSTEMS

# CALLMASTER SYSTEM

Callmaster accessory boxes are designed for emergency applications including call points, smoke and heat detectors, panic alarms, warning lights, sounders and emergency stops.

## Product information

- Callmaster accessory boxes come complete with both internal pot retainers for mineral insulated (MI) cables and cable clamps included for use with conventional and fire performance cable
- Pre-punched holes in MMT2 Mini trunking every 200mm for ease of installation
- Punched holes in MMT2 are positioned to be compatible with Firefly fire safety clips
- No need for cable glands and shrouds
- Available with one or two entries for terminal or through wiring
- Suitable for single or twin cable runs to each entry
- Compatible for use with MMT2/MMT3 mini trunking and CR6 round conduit



Standard Colours	
WH	RD
WH: White RD: Red	

**Colour options:** White solid colour options are available as standard items for selected products. Please indicate when ordering by replacing the RD colour code suffix with WH for white.

## Trunking and fittings



### Mini-trunking

code	size	pack
MMTH2RD	25 x16mm	30x3m
MMT3RD*	38 x16mm	15x3m

\*Un-punched  
See page 100 for white version



### Coupler

code	description	pack
TC2RD	MMT2	40
TC3RD	MMT3	25



### End cap

code	description	pack
TEC2RD	MMT2	100
TEC3RD	MMT3	50



### Internal bend

code	description	pack
TIB2RD	MMT2	30
TIB3RD	MMT3	25



### External bend

code	description	pack
TEB2RD	MMT2	30
TEB3RD	MMT3	25



### Flat bend

code	description	pack
TFB2RD	MMT2	30
TFB3RD	MMT3	25



### Equal tee

code	description	pack
TT2-2RD	MMT2	30
TT3-3RD	MMT3	25

## Boxes and fittings



### 1G accessory box – 1 entry

code	depth	pack
MCM10RD	35mm	5

with earth terminal  
For use with MMT2 mini trunking



### 1G accessory box – 2 entry

code	depth	pack
MCM20RD	35mm	5

with earth terminal  
For use with MMT2 mini trunking



### Circular accessory box

code	depth	pack
MCMR20RD	24mm	5

with earth terminal  
For use with MMT2 mini trunking



### 1 gang – square corners

code	size	pack
MSSB116RD	32mm	25

With MMT3 mini trunking knockout  
See page 103 for white version

Conduit and fittings



**Heavy gauge conduit**

code	O.D	pack
CR6RD	20mm	30x3m

See page 126 for white version



**Straight coupler**

code	size	pack
MC2RD	20mm	100



**Adaptor (female thread)**

code	size	pack
MAB2RD	20mm	100



**Adaptor (male thread)**

code	size	pack
MA7RD	20mm	100



**Spacer bar saddle**

code	size	pack
MSB2RD	20mm	100

Boxes and fittings



**Double back entry (loop-in) 34mm internal depth**

code	fix. centre	pack
MDCRB2WH	50.8mm	10

Ø cut out = 70mm  
Available in white only



**20mm plain body cable glands**

code	cable dia.	pack
MCGP2RD	7-10.5mm	25

See page 127 for white version



**Plain bored circular boxes**

code	type	pack
2MRB2RD	Terminal-1E	20
2MRB3RD	Through-2E	20
2MRB4RD	Angle-2E	20
2MRB13RD	U-2E	20

For use with 20mm plain body cable glands and ø20mm conduit  
See page 128 for white version



**1 gang - square corners**

code	size	pack
MSSB10KRD	32mm	20

With 20mm conduit knockout  
See page 129 for white version



**Circular lid**

code	size	pack
MCL1RD	flush fitting (65mm diam.)	100

See page 128 for white version



See page 141 for Firefly fire clips for Mini trunking and Conduit

**p263**  
Technical Information

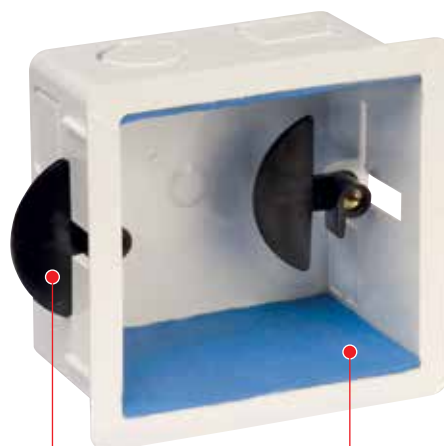
# FIRE BARRIER PADS

Marshall-Tufflex dry lining boxes are available with Envirograf® intumescent (fire barrier) pads.

With fire barrier pads fitted, boxes comply with the current version of BS 7671 Wiring Regulations and Document B of the UK Building Regulations.

## Snap out clamps with size identification by colour:

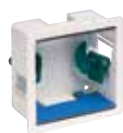
Wall thickness adjustment	Clamp colour
1 - 9mm	Grey
6 - 14mm	White
18 - 25mm	Green
9 - 26mm	Black



Snap out clamps

Intumescent (fire barrier) pads

## Flush mounted dry lining accessory boxes



### 1 gang 34mm internal depth

code	adj.	pack
MDLB3FWH	1-9mm	20
MDLB1FWH	6-14mm	20
MDLB7FWH	18-25mm	20

Note: adj. = adjustment



### 2 gang 34mm internal depth

code	adj.	pack
MDLB4FWH	1-9mm	10
MDLB2FWH	6-14mm	10
MDLB8FWH	18-25mm	10



### 1 gang 46mm internal depth

code	adj.	pack
MDLB29FWH	9-26mm	10



### 2 gang 46mm internal depth

code	adj.	pack
MDLB30FWH	9-26mm	5

## Problem



Without pads

## Solution



With pads

In the event of a fire, the cover plate of a socket, switch or light fitting may sag and disintegrate, leaving a perfect escape route for a fire to travel up the cavity, into an adjoining room or ceiling. When Envirograf® pads are fitted, they will expand in the presence of heat and create an effective fire barrier. This solution has been specifically designed to help electrical contractors and building design professionals meet and comply with the current regulations.

## Circular dry lining boxes



### Double back entry (loop-in) 34mm internal depth

code	fix. centre	pack
MDCRB2FWH	50.8/60.3mm	10

Ø cut out = 70mm

p263

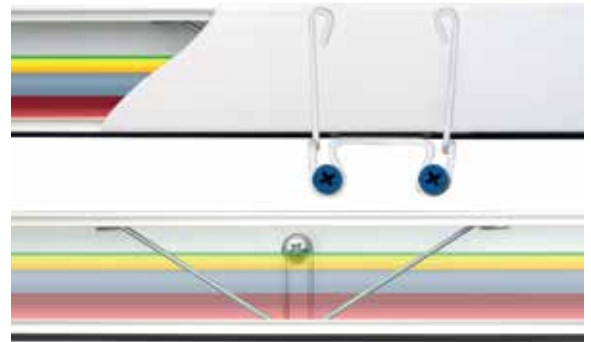
Technical Information

# FIREFLY FIRE SAFETY CLIPS

To comply with the latest fire regulations, Marshall-Tufflex supply a range of Firefly fire clips to secure cables within or outside of our trunking and conduit systems. The clips are designed to secure and support cables to prevent premature collapse in the event of a fire.

### Product information












- Fire safety clips to comply with BS 5839-1
- For use with mini trunking, maxi trunking, conduit and perimeter trunking
- Spring loaded design for easy installation or removal of cables
- Designed for quick installation and to maximise internal trunking space
- We recommend using the masonry or cavity screws and washers for all installations
- Internal version to fit within trunking prior to cables being installed
- External version to retrofit onto existing installations
- Melt point over 1000°C
- Kits available for mini trunking including all required fixings/screws ready for installation
- Independently tested and certified by an accredited test house
- Patent applied for



### Regulations

Regulations state that Wiring Systems shall be supported such that they will not be liable to premature collapse in the event of fire. This applies to all access or egress routes not just escape routes. Firefly clips meet the requirements of BS 7671:2018 section 521.10.202 Wiring Regulations to secure all surface cables and to avoid the risk of entanglement in the event of a fire.

Mini trunking clips

			
<b>Fire clip internal MMT2</b>	<b>Fire clip internal MMT3</b>	<b>Fire clip internal MMT4</b>	<b>Fire clip internal MMT5</b>
code    trunking size    pack <b>FCMMT2</b> 25 x 16mm    100	code    trunking size    pack <b>FCMMT3</b> 38 x 16mm    100	code    trunking size    pack <b>FCMMT4</b> 38 x 25mm    100	code    trunking size    pack <b>FCMMT5</b> 50 x 25mm    100
			<b>See page 101 for punched mini trunking</b>
<b>Fire clip internal MMT6</b>	<b>Fire clip external MMT2</b>	<b>Fire clip external MMT4</b>	
code    trunking size    pack <b>FCMMT6</b> 38 x 38mm    100	code    trunking size    pack <b>FCXMMT2</b> 25 x 16mm    100	code    trunking size    pack <b>FCXMMT4</b> 38 x 25mm    100	
			
<b>Fire clip internal kit - masonry</b>	<b>Fire clip internal kit - cavity</b>	<b>Fire clip external kit - masonry</b>	<b>Fire clip external kit - cavity</b>
code    size    kit contents* <b>FCKMMT2</b> MMT2    200 (25 x 16mm)	code    size    kit contents* <b>FCKMMT2</b> MMT2    100 (25 x 16mm)	code    size    kit contents* <b>FCXMMT2</b> MMT2    100 (25 x 16mm)	code    size    kit contents* <b>FCXCMT2</b> MMT2    50 (25 x 16mm)
<b>FCKMMT4</b> MMT4    100 (38 x 25mm)	<b>FCKMMT4</b> MMT4    50 (38 x 25mm)	<b>FCXMMT4</b> MMT4    50 (38 x 25mm)	<b>FCXCMT4</b> MMT4    50 (38 x 25mm)

### \*Kit contents

**Please note:** the quantity stated refers to the number of fire clips within the kit, each kit also contains the appropriate number of screws.  
Each Masonry kit is supplied with: Masonry screws, washers and 1 x Ø4mm drill bit  
Each Cavity kit is supplied with: Cavity fixings and screws

Conduit trunking clips



**Fire clip 20mm round conduit**

code	pack
FCCR20	100



**Fire clip 25mm round conduit**

code	pack
FCCR25	100



NEW

**Fire clip 20mm conduit strap**

code	colour	pack
FCCRC20WH	white	50
FCCRC20BK	black	50



NEW

**Fire clip 25mm conduit strap**

code	colour	pack
FCCRC25WH	white	50
FCCRC25BK	black	50



NEW

**Fire clip 32mm conduit strap**

code	colour	pack
FCCRC32WH	white	50
FCCRC32BK	black	50

Maxi trunking clips



**Fire clip internal MTRS50**

code	trunking size	pack
FCMTRS50	50 x 50mm	50



NEW

**Fire clip internal MTRS75/50**

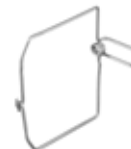
code	trunking size	pack
FCMTRS75/50	75 x 50mm	50



NEW

**Fire clip internal MTRS75**

code	trunking size	pack
FCMTRS75	75 x 75mm	50



NEW

**Fire clip internal MTRS100**

code	trunking size	pack
FCMTRS100	100 x 100mm	50



NEW

**Fire clip internal MTRS100/50**

code	trunking size	pack
FCMTRS100/50	100 x 50mm	50

Fixings



NEW

**Masonry screws & washers**

code	pack
FCMS	100













NEW

**Cavity fixings & screws**

code	pack
FCCS	50

We recommend using the masonry or cavity screws and washers for all installations



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<p><b>Fire clip Mono 10 centre compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCM10C</td> <td>100</td> </tr> </table>	code	pack	FCM10C	100	<p><b>Fire clip Mono 20 centre compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCM20C</td> <td>100</td> </tr> </table>	code	pack	FCM20C	100	<p><b>Fire clip Twin165 large compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCT165L</td> <td>50</td> </tr> </table>	code	pack	FCT165L	50	<p><b>Fire clip Twin165 small compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCT165S</td> <td>100</td> </tr> </table>	code	pack	FCT165S	100
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<p><b>Fire clip Sterling centre compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCSPC</td> <td>50</td> </tr> </table>	code	pack	FCSPC	50	<p><b>Fire clip Sterling angle &amp; curve compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCSPAC</td> <td>100</td> </tr> </table>	code	pack	FCSPAC	100	<p><b>Fire clip Sterling square compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCSPS</td> <td>100</td> </tr> </table>	code	pack	FCSPS	100	<p><b>Fire clip Odyssey centre compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCOC</td> <td>50</td> </tr> </table>	code	pack	FCOC	50
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<p><b>Fire clip Odyssey outer compartment</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCOO</td> <td>100</td> </tr> </table>	code	pack	FCOO	100	<p><b>Fire clip Twin Plus</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">code</td> <td style="width: 30%;">pack</td> </tr> <tr> <td>FCTP</td> <td>50</td> </tr> </table>	code	pack	FCTP	50										
code	pack																		
FCOO	100																		
code	pack																		
FCTP	50																		

Please use the table below to determine which clips are required for your perimeter trunking installation.

	Number of compartments in trunking	Outer Compartment 1 (top)	Centre Compartment	Outer Compartment 2 (bottom)
<b>Mono 10</b>	1	-	FCM10C	-
<b>Mono Plus 20</b>	1	-	FCM20C	-
<b>Twin165</b>	2	FCT165S	FCT165L	-
<b>Sterling Profile 1</b>	3	FCSPAC	FCSPC	FCSPAC
<b>Sterling Profile 2</b>	3	FCSPAC	FCSPC	FCSPS
<b>Sterling Profile 3</b>	3	FCSPS	FCSPC	FCSPS
<b>Sterling Curve Profile 1</b>	3	FCSPAC	FCSPC	FCSPAC
<b>Sterling Curve Profile 2</b>	3	FCSPAC	FCSPC	FCSPS
<b>Odyssey</b>	3	FCOO	FCOC	FCOO
<b>Twin Plus</b>	2	-	2 x FCTP	-

Please refer to BS 7671:2018 for distance required between clips.



# WE USE RECYCLED WINDOWS TO CREATE CABLE MANAGEMENT PRODUCTS.

FIRE AND SAFETY SYSTEMS

