Press for T.D

Datasheet

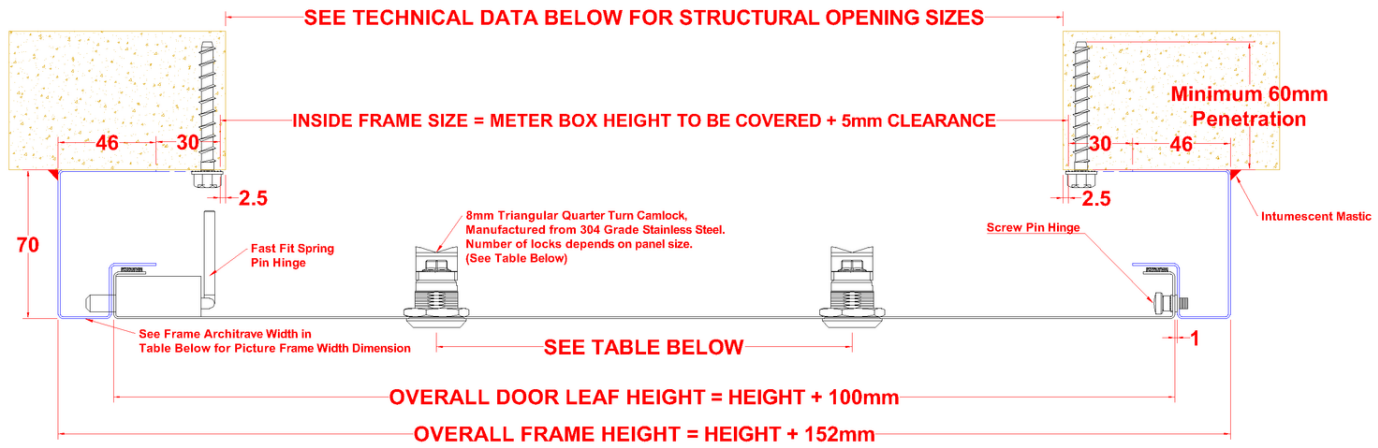
R16/120/MD/PF/L34A

Description

Metal Faced Meter Box, 2 Hour fire rated, Metal Door, 25mm wide Picture Frame, 8mm Triangular Electrical Cabinet Quarter Turn Lock Single Door Unit, Powder Coated RAL 9010 30% Gloss.

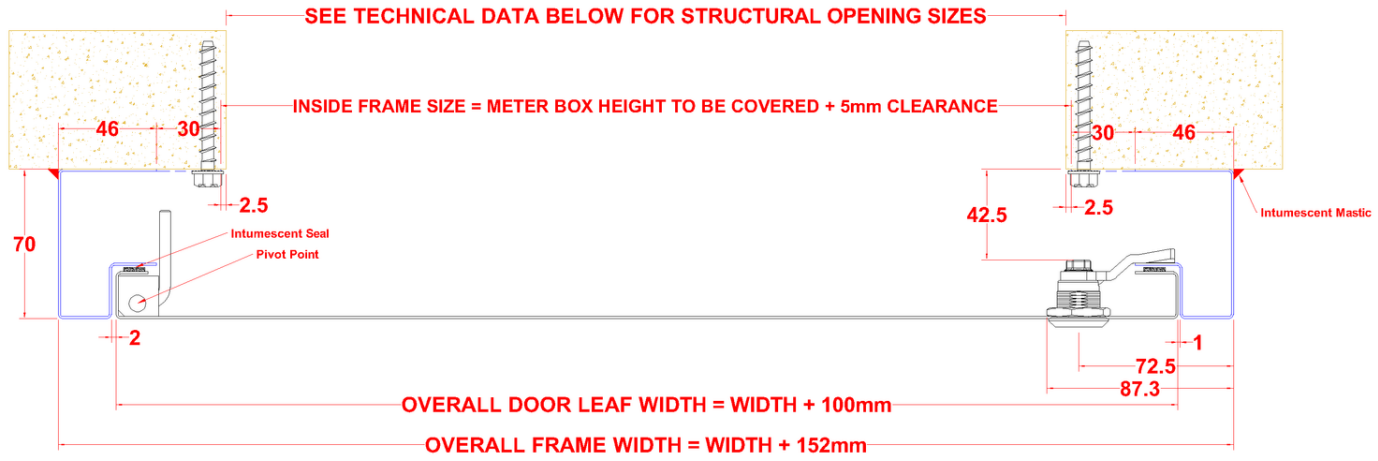
PRODUCT TYPE	FIRE RATING	SMOKE TESTED	DOOR TYPE	FRAME TYPE	MASTER LOCK TYPE	SECONDARY LOCK TYPE	NUMBER OF DOOR LEAVES	AIRTIGHT RATED	ACOUSTIC RATED
	2hr	N/A				N/A	1D	N/A	N/A

Section Drawing Height (H)



Door leaf height less than 450mm	1no central lock
Door leaf height 450mm to 699mm	2no locks with a minimum of 100mm apart
Door leaf height greater than 699mm	2no locks with a minimum of 200mm apart

Section Drawing Width (W)



Technical Data

Wall or Ceiling or Both (Dual)	Wall
Fire Test Standard	· BS EN 1634-1: 2014+A1:2018
Fire Performance Rating	· Integrity (E)
Fire Tested Side	· Wall application Rear (Services side / opening away from the fire risk side)
Fire Tested Size H x W mm	1098x598mm
Assessed Maximum Panel Sizes	Up to 15% increase in height, 15% width and up to 20% area.

Size range: Minimum to maximum (H × W mm). Fire Rated Panels: See assessed maximum panel sizes for allowable increases.	300x200mm up to 1098x598mm
Smoke Tested	No Rating
Airtightness Tested	No Rating
Acoustic Tested	No Rating
Corrosion class C1, C2, C3, C4	C1 - Very Low: Exterior: Not suitable for outdoor use. Interior: Heated buildings with clean atmospheres, e.g. offices, shops, schools, hotels.
Flexible Wall Types	· Currently not Covered
Rigid Wall Types	· The wall type shall provide a suitable medium to permit adequate fixity. · Other rated wall constructions, not listed below, may also be acceptable, subject to expert advice from a qualified fire consultant · Suitable for installation into AAC masonry walls with a minimum density of 850 kg/m³ and a minimum wall thickness of 150mm. · Suitable for installation into cast concrete walls with a minimum density of 2,400 kg/m³ and a minimum wall thickness of 150mm. · Suitable for installation into masonry walls other than AAC with a minimum density of 1,600 kg/m³ and a minimum wall thickness of 150mm. · Suitable for installation into lightweight cast concrete walls with a minimum density of 2,100 kg/m³ and a minimum wall thickness of 150mm. · Walls must provide fire resistance equal to the doorset's required performance period.
Shaftwall Types	· Currently not Covered
Mixed Construction Wall Types	· Currently not Covered
Ceiling Types	· Not Suitable for a Ceiling Application
Frame Fixing Types	· Masonry: Minimum 7.5mm x 60mm Countersunk Thread Forming Concrete Screws
Frame Fixing Hole Distance back from the Face of the Panel	· Overall Frame Depth
Permitted Gaps Between the Rear of the Frame and the Structural Opening	· 2.5mm Height x 2.5mm Width
Permitted Sealants	· Mann McGowan Pyromas A · Fire-tested alternative sealants to BS EN 1363-1 or BS EN 1634-1 for the required fire resistance duration and substrates in this application.
Application of Intumescent Sealants	· Applied Sealing the Rear of the Frame to the Structural Opening
Structural Opening Size	· Wall Structural Opening or Existing Overall Meter Box Size Height & Width
Panel Size Formula H x Wmm	Structural Opening or Existing Overall Meter Box Size +5mm
Clear opening size through the installed panel with the door leaf open at 90 degrees	· Panel Height - 0mm x Panel Width - 0mm
Composition / Manufacturing	
Quality Category	Mid Range
Product Design Category	Standard Product
Lock Security Level	Grade 2 – Standard Security
Frame Architrave Width (e.g. Picture / Beaded Frame)	· 25mm
Frame Steel Thickness	1.2mm
Door Steel Thickness	0.9mm
Door & Frame Material Grade	· Frame: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25 · Door Leaf: Zintec Steel to BS EN 10152 : 2017 DC01 + ZE 25/25

Frame Depth	70mm
Available Frame Depths upon request	Minimum Dimension: 70mm to Maximum Dimension: 150mm
Board Infill Type	• None
Door Insulation Type	• None
Seal Type	• Norseal FS1000 Self Adhesive Intumescent Foam Tape • Sealed to All Door Closing Edges
Paint Type	• Polyester Powder Coated • RAL 9010 30% Gloss Pure white

Installation Guide

1) Open the door, release the spring pin hinge, and lift the door out of the frame.

2) Place the frame on top of the aperture, ensuring it's 5mm smaller than the panel / back of frame opening size.

3) Fix the frame on top of the aperture using all fixing holes, ensure it is square and flush with the wall.

4) Refit the door by relocating the spring pin hinge ensuring this is fully located then close the door.

5) Lock the door with the key, ensuring it is flush with the frame.

Apply a minimum of 5mm wide intumescent sealant bead to seal the back of the frame to the wall ensuring all gaps are sealed.

Independent bracing or support may be needed for the Meter Box weight.