Technical Data Sheet

CLIPSAL by Schneider Electric

Clipsal wilcoROWCO™ Metal Clad Push Button Control Stations



Mushroom Head Stop Button





Stop and Start Buttons



Junction Box

Push Button Control Station Specifications

Cast Aluminium
High Visibility yellow enclosure with either red or green push buttons
Dimensions 99 x 99mm
IP66
External and accessible mounting facilities

These wilcoROWCO Metal Clad Push Button Control Stations are available with Stop, Emergency Stop Mushroom Head and Start control. The modular 99mm^2 design allows installers to mix and match switch covers on to one, two, three or four gang enclosures (bases).

All control stations utilise Schneider Harmony push buttons to ensure consistency and reliable operation.

Alternatively the WMJB1 Junction Box can be utilised for creating your own control stations or if a standard junction box is required.

Applications

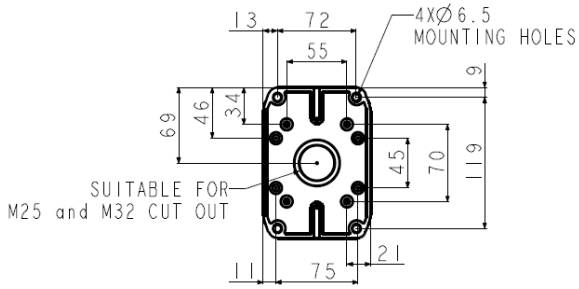
The stations are ideal in wet, dusty or dirty conditions for controlling motor starters on pumps, saws, compressors, lathes and processing lines.

Features

- Heavy Duty Cast Aluminium
- Start - High Visibility yellow enclosure with Ø22mm green push button
- Stop - High Visibility yellow enclosure with Ø22mm red push button
- Emergency Stop – High Visibility enclosure with Ø39mm mushroom head latching PB
- IP66 Rated to IEC60529
- External and accessible mounting facilities
- Stainless Steel (316 grade) cover mounting screws

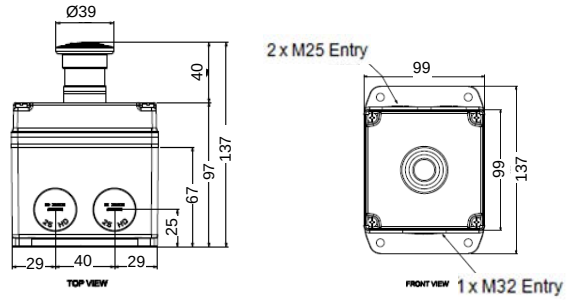
Ordering Details

Catalogue No.	Description
WMPB1ST	CONTROL STATION START BUTTON
WMPB1SP	CONTROL STATION STOP BUTTON
WMPB1SPML	CONTROL STATION STOP MUSHROOM HEAD LATCHING BUTTON
WMJB1	JUNCTION BOX

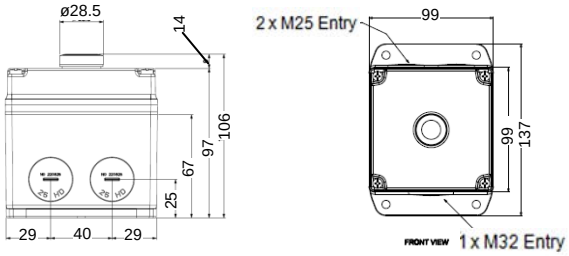


WMJB1 **REAR VIEW**

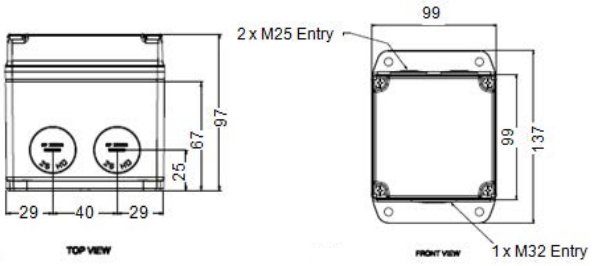
Dimensional Details



WMPB1SPML



WMPB1ST and WMPB1SP



WMJB1

General Specifications

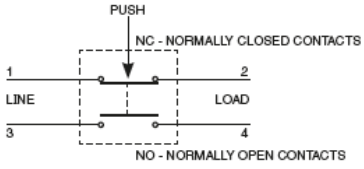
General	
Dimensions	99mm^2 x 97mm D (excludes push buttons) With mounting feet product is 137mm H. Including Start/Stop buttons, depth is 109mm
Mounting Centres & Holes	72mm wide x 118.9mm high Ø 6.5mm.
Conduit entries	2x Ø25mm , 1x Ø32mm
Safety Approval	**AS/NZS 3133** Approval and test specification—Air break switches **IEC60529** Degrees of protection provided by enclosures (IP Code)
Environmental	RoHS Compliant ✓ RoHS
Operating temperature	-20ºC to +70ºC ambient

Technical Specifications

Rated Insulation Voltage Ui	600 ~
Rated Thermal Current Ith	10A
Rated Operational Current ie:	AC15 6A @ 110V ~ 3A @ 240V ~ 1.2A @ 415V ~
Short Circuit Protection:	10A with gL type fuse
Mechanical Endurance	Push Buttons - 5000,000 cycles
	Contact Blocks - 5000,000 cycles
	Twist to Release Actuators - 300,000 cycles
Electrical Endurance	Contact Blocks - 1000,000 cycles
Nominal Frequency of Operation	Electrical - 600 operations per hour
	Mechanical - 3600 operations per hour
Terminals suit up to	2 x 2.5mm² conductors.

Wiring Instructions

Start button normally open contacts.
Stop button normally closed contacts.



Schneider Electric (Australia) Pty Ltd

33-37 Port Wakefield Road, Gepps Cross,
South Australia 5094

PO Box 132, Enfield Plaza,
South Australia 5085

National Customer Care Enquiries:
1300 2025 25

clipsal.com

Schneider Electric (Australia) Pty Ltd reserves the right to change specifications, modify designs and discontinue items without incurring obligation and whilst every effort is made to ensure that descriptions, specifications and other information in this document are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.

© 2015 Schneider Electric. All Rights Reserved.

Trademarks are owned by Schneider Electric Industries SAS or its affiliated companies.

SEAU115317