Technical Data Sheet

Clipsal wilcoROWCO™ Metal Clad Size B and Size C Switches



Size B Size C

The Clipsal wilcoRowco Metal Clad switches have a robust design that allows installers to install switches in extremely tough environments. Although there are other switches in the wilcoROWCO offer in more compact modular enclosures, (10A to 32A), this range is availlable in two larger size enclosures (238 x 120mm or 380 x 170mm) to ensure there is ample cable space for larger wiring applications.

Additionaaly these 3, 4, 6 and 7 pole switches suit 415V in current ratings ranging from 20A to125A.

There are Reversing, Changeover and Standard Isolator switch options with ON and OFF positions clearly marked with raised lettering so they will never wear off.

A provision for a 8mm padlock is provided for locking OFF. If locking is required in ON position, simply drill a hole where necessary

Switch Specifications

Cast Aluminium
High Visibility yellow enclosure with blue switch
Size B = 238H x 120Wmm Size C = 380H x 170Wmm
IP66
External and internal mounting facilities

Applications

Heavy Industrial environments both indoors and outdoors where protection from dust, water, UV and impact is important.

Features

- Heavy Duty Cast Aluminium that is corrosion resistant
- High Visibility yellow enclosure with blue switch for easy locating
- Reversing, Changeover and Standard isolator switch options
- Two Enclosure sizes – Size B = 238 x 120mm or Size C = 380 x 170mm
- Current ratings - 32A, 40A, 50A, 63A, 80A, 100A and 125A
- IP66 Rated to IEC60529
- Padlocking facility (8mm) in OFF position
- External and internal mounting facilities
- Stainless Steel (316 grade) cover mounting screws

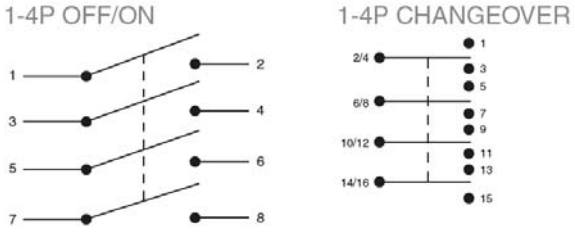
Ordering Details

Catalogue No.	Description
Size B	238 x 120mm
WMS340	Switch, 3 Pole, 40A, 415V
WMS350	Switch, 3 Pole, 50A, 415V
WMS363	Switch, 3 Pole, 63A, 415V
WMS432CO	Changeover Switch, 4 Pole, 32A, 415V
WMS440	Switch, 4 Pole, 40A, 415V
WMS450	Switch, 4 Pole, 40A, 415V
WMS463	Switch, 4 Pole, 63A, 415V
WMS620	Switch, 6 Pole, 20A, 415V
WMS632	Switch, 6 Pole, 32A, 415V
WMS732	Switch, 7 Pole, 32A, 415V
Size C	380 x 170mm
WMS363CO	Changeover Switch, 3 Pole, 63A, 415V
WMS363R	Reversing Switch, 3 Pole, 63A, 415V
WMS380	Switch, 3 Pole, 80A, 415V
WMS3100	Switch, 3 Pole, 100A, 415V
WMS3125	Switch, 3 Pole, 125A, 415V
WMS480	Switch, 4 Pole, 80A, 415V
WMS663	Switch, 6 Pole, 63A, 415V

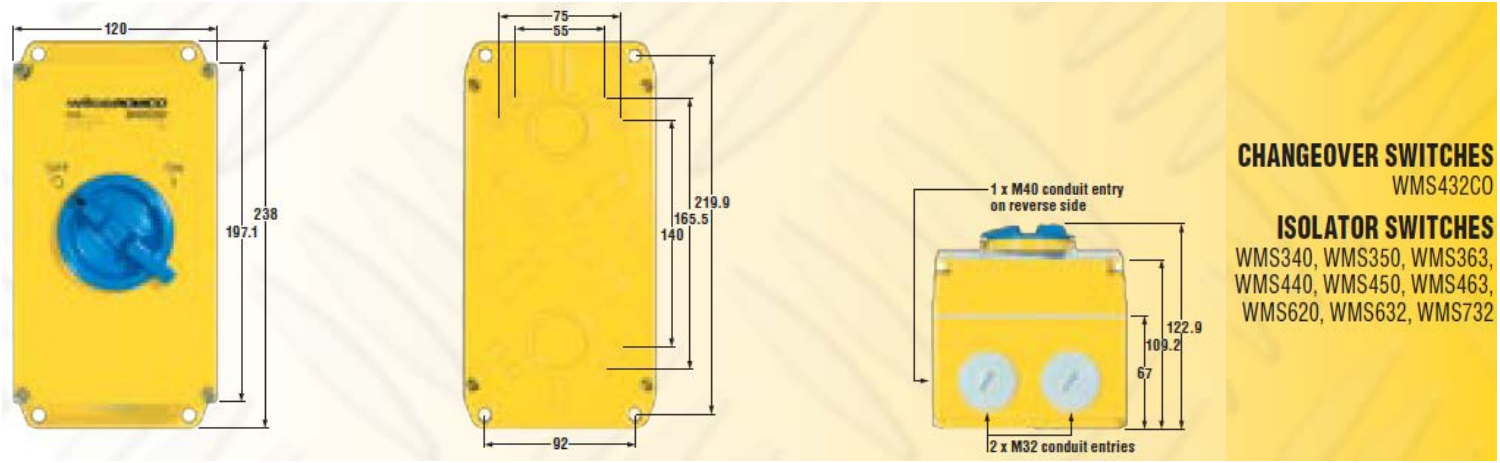
General Specifications

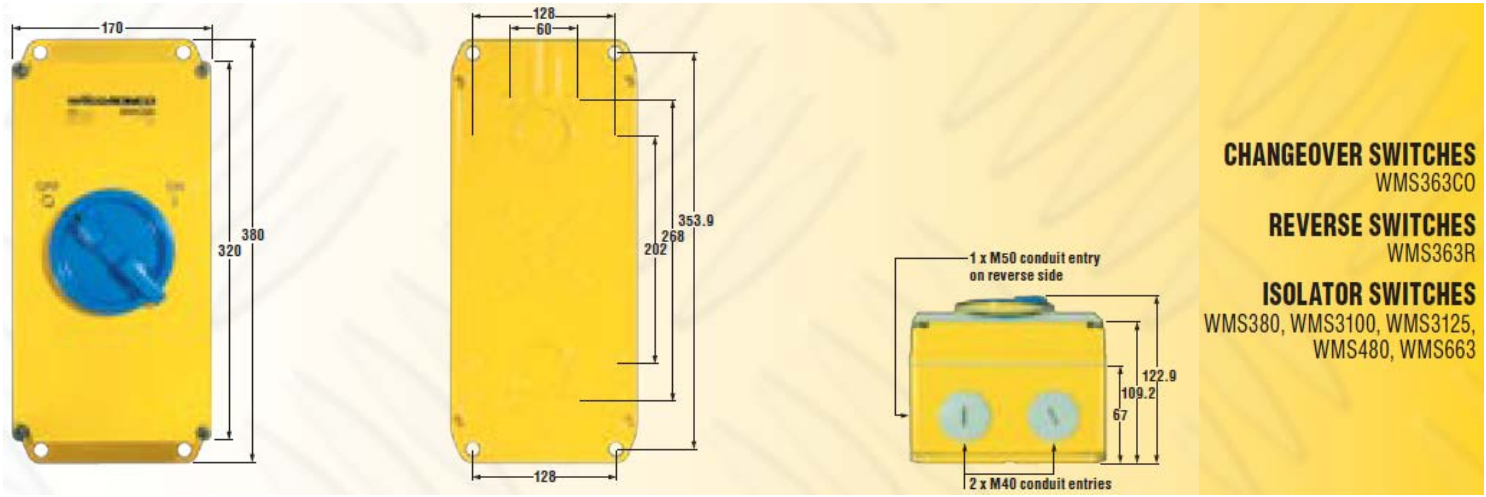
General	
Min Conductor	Size B - 6 pole, 20A = 2.5mm^2 - 6 & 7 Pole 32A = 4mm^2 - 3 & 4 pole 40A = 6mm^2 - 4 pole 50A & 63A = 10mm^2 Size C - 6 pole 63A = 10mm^2 - 3 & 4 pole 80A = 10mm^2 - 3 pole 100A & 125A = 10mm^2
Max Conductor	Size B - 6 pole, 20A = 10mm^2 - 6 & 7 Pole 32A = 10mm^2 - 3 & 4 pole 40A = 35mm^2 - 4 pole 50A & 63A = 35mm^2 & 25mm^2 Size C - 6 pole 63A = 25mm^2 - 3 & 4 pole 80A = 25mm^2 - 3 pole 100A & 125A = 50mm^2
AC21A	Size B - 6 pole, 20A = 20A - 6 & 7 Pole 32A = 32A - 3 & 4 pole 40A = 28A - 4 pole 50A & 63A = 40A Size C - 6 pole 63A = 63A - 3 & 4 pole 80A = 80A - 3 pole 100A & 125A = 100A & 125A
AC23A	Size B - 6 pole, 20A = 14A - 6 & 7 Pole 32A = 21A - 4 pole 50A & 63A = 40A Size C - 6 pole 63A = 40A - 3 & 4 pole 80A = 55A - 3 pole 100A & 125A = 66A
Dimensions	Size B = 238 H x 120 W x 123mm D Size C = 380 H x 170 W x 123mm D
Mounting Centres & Holes	Size B = 219.9mm H x 92mm W Size C = 353.9mm H x 128mm W Ø 6.5mm
Conduit entries	Size B = 2 x Ø32mm and 1 x Ø40mm Size C = 2 x Ø40mm and 1 x Ø50mm
Safety Approval	**AS/NZS 3133** Approval and Test Specification – Air Break Switches **AS 60947** Low-voltage switchgear and controlgear **IEC60529** Degrees of protection provided by enclosures (IP Code)
Operating temp.	-20ºC to +70ºC ambient

Wiring Diagram for WMS Series Switches



Dimensional Details





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