

# Section 4

## Weatherproof



## Excel Weatherproof switches



Pack	Cat No.	Excel weatherproof switches, IP56
		Plate size 73 x 117mm. Mounting centres: 84mm. Weatherproof to IP56,
3	XLW770H1	10A 1 gang standard size switch for horizontal mounting
3	XLW770H2	10A 2 gang standard size switch for horizontal mounting
3	XLW770V1	10A 1 gang standard size switch for vertical mounting
3	XLW770V2	10A 2 gang standard size switch for vertical mounting

Pack	Cat No.	WS 170 series switches, IP56, surface mounting.
		Size 83 x 83 x 72mm. Pushouts for 6 x 25mm plain conduit entries. Supplied with adaptor Cat. No. C20PS25P and reducer Cat. No. C25/20 (for 20mm plain or screwed conduit), 1 x Cat. No. 402 connector and flush caps for covers, and mounting screws. Lockable in on or off positions.

5	WS170	10A weatherproof 1 gang switch. Supplied with 770 mech
5	WS170/15	15A weatherproof 1 gang switch. Supplied with 770/15 mech
5	WS170/20	20A weatherproof 1 gang switch. Supplied with 770/20 mech
5	WS170/202	20A weatherproof 1 gang switch. 1-2 way & loop. Supplied with 770/202 mech
5	WS170/35	35A weatherproof 1 gang switch. Supplied with 770/35M mech
5	2WS170	10A weatherproof 2 gang switch. Supplied with 2 x 770M mech
5	2WS170/15	15A weatherproof 2 gang switch. Supplied with 2 x 770/15M mech
5	WS170I	10A weatherproof 1 gang intermediate switch. Supplied with 770IM mech.
5	WS170N	10A weatherproof 1 gang switch with neon indicator. Supplied with 770M mech
5	WS170P	10A weatherproof 1 gang switch. Double pole. Supplied with 769PM mech
5	WS170/20P	20A weatherproof 1 gang switch. Double pole. Supplied with 769P20M mech
5	WS170X	15A weatherproof 1 gang push button switch. Supplied with 770XM mech.
5	2WS170PP	10A weatherproof 2 gang switch, double pole. Supplied with 2 x 769PM mechs
5	2WS170XX	15A weatherproof 2 gang push button switch with red & green buttons. Supplied with 2 x 770XM mechs

## Aqua Range switches



Pack	Cat No	WS171 series switches, IP56, surface mounting
		Size 90 x 90 x 68mm. Switches are standard type dollies. IP rating reduces to IP 44 if enclosure is drilled.
3	WS171/1	10A weatherproof 1 gang switch
3	WS171/2	10A weatherproof 2 gang switch
3	WS171/4	10A weatherproof 4 gang switch
3	WS171/1/15	15A weatherproof 1 gang switch
3	WS171/1/20	20A weatherproof 1 gang switch



Pack	Cat No.	Description
5	WSR170	<b>WSR170 round series switches, IP 56</b> Size 71mm dia x 40mm deep. IP56 when mounted on a standard round conduit junction box, ('O' ring gasket provided). Lock on/lock off provision. Mounts onto standard round conduit junction box. Supplied with 770M mech. 10A 1 gang round weatherproof switch.



Pack	Cat No.	Description
		<b>Weatherproof Keylock switches, IP53</b> Size 83mm square x 70mm deep. Size is modular with 42 series and can be joined to other 170 and 42 series boxes using Cat. No. C25P25P or conduit. Pushouts for 6 x 25mm plain conduit entries. Supplied with Cat. No. C20PS25P adaptor and Cat. No. C25/20 reducer (for 20mm plain or screwed conduit), 1 x Cat. No. 4002 connector, flush caps for cover and mounting screws. Note: for common keys, add CK to Cat. No. no switch required eg WS170/20KLICK.
5	WS170KLI	10A weatherproof keylock switch, key removable in on position
5	WS170KLO	10A weatherproof keylock switch, key removable in off position
5	WS170KLI0	10A weatherproof keylock switch, key removable in on or off position
5	WS170/20KLI	20A weatherproof keylock switch, key removable in on position
5	WS170/20KLI0	20A weatherproof keylock switch, key removable in on or off position



Pack	Cat No.	Description
		<b>42 series industrial isolating switches, 3 phase, 440V AC22, IP56, Surface mounting, modular.</b> Size 166 x 83 x 70mm (modular with 83mm square 170 series). Plain conduit entry pushouts 2 x 25mm each side, 2 x 25mm at rear, 1 x 32mm at top, 2 x 25mm at bottom and 2 x 32mm drillouts at rear. MT type have the same except for 1 x 32mm threaded at top and 2 x 25mm threaded at bottom. Sealing flush caps provided for mounting screws. Lockable in on or off positions. Switch is rated AS/NZS3133, AS/NZS3947.3, AC22 (make/break 3 x I <sub>n</sub> at 0.65 PF, 20 x I <sub>n</sub> 1 sec short time rating). Motor rating M150, 3kA peak making capacity, 6kA conditional short circuit rating. 25mm max cable size. All switches are provided with straight-through neutral and earth connectors.
1	42/120	20A weatherproof switch, plain entries
1	42/120MT	20A weatherproof switch, 32mm threaded entries
1	42/220	20A weatherproof switch, 2 pole, plain entries
1	42/220MT	20A weatherproof switch, 2 pole, 32mm threaded entries
1	42/235	35A weatherproof switch, 2 pole, plain entries
1	42/235MT	35A weatherproof switch, 2 pole, 32mm threaded entries
1	42/255	55A weatherproof switch, 2 pole, plain entries
1	42/255MT	55A weatherproof switch, 2 pole, 32mm threaded entries
1	42/320	20A weatherproof switch, 3 pole, plain entries
1	42/320MT	20A weatherproof switch, 3 pole, 32mm threaded entries
1	42/335	35A weatherproof switch, 3 pole, plain entries
1	42/335MT	35A weatherproof switch, 3 pole, 32mm threaded entries
1	42/355	55A weatherproof switch, 3 pole, plain entries
1	42/355MT	55A weatherproof switch, 3 pole, 32mm threaded entries
1	42/363MT	63A weatherproof switch, 3 pole, 32mm threaded entries

## Light-sensitive switches



Pack	Cat No.	Weatherproof, light sensitive switches, IP56
		Size 83 x 83 x 65mm projection. Surface mounting.
1	PE170/10	10A weatherproof light sensitive switch. Opal cover
1	PE170R	10A weatherproof light sensitive switch. Adjustable timer- switches off at a consistent time regardless of season (programmable)



Pack	Cat No.	WS53 series powerpoints, IP53, surface mounting
		Size 121 x 78 x 86mm. Available in Mist Grey (MG) & White (WE).
1	WS53/1	10A weatherproof single powerpoint, (MG), (WE)
1	WS53/1/X	10A weatherproof single powerpoint with extra switch, (MG)
1	WS53/1/15	15A weatherproof single powerpoint, (MG), (WE)
1	WS53/2	10A weatherproof double powerpoint, (MG), (WE)
1	WS53/2/15	15A weatherproof double powerpoint, (MG)

## Aqua Range powerpoints



Pack	Cat No.	WS40 series powerpoints, IP53, surface-mounting
		Mounting centres: 4 mounting centres at 70 x 70mm. Size 84 x 84 x 70mm projection with 4 mounting centres at 70 x 70mm. Pushouts at rear for 20mm and 25mm plain conduit. Supplied with Cat. No. C20PS25 and C25/20 adaptors for 20mm threaded or plain conduit. Base can be screwed to 170 mounting block. Side operating lever for switch. Can be padlocked on or off. Provided with flap to cover outlet and give IP53 protection.
5	WS40	10A weatherproof single powerpoint
5	WS40/15	15A weatherproof single powerpoint
5	WS40R	10A weatherproof single powerpoint with round earth



Pack	Cat No.	WS53 series powerpoints, IP53, flush mounting
		Shallow mounted size 124 x 81 x 63mm. Flush mounting size 121 x 78 x 46mm. Comes complete with shallow mounting block and flush mounting shroud. Available in Mist Grey (MG) & White (WE)
1	WS53F/1	10A weatherproof single powerpoint, (MG), (WE)
1	WS53F/1/15	15A weatherproof single powerpoint, (MG)
1	WS53F/2	10A weatherproof double powerpoint, (MG), (WE)



Pack	Cat No.	WS54 series powerpoints, IP54, surface mounting
		Size 71 x 81 x 87mm. Available in Mist Grey (MG)
5	WS54/1	10A weatherproof single powerpoint, (MG)



Pack	Cat No.	Description
		<b>WS38 series weatherproof single powerpoints, IP33, surface-mounting</b> Size 73 x 89 x 65mm. Pushouts for 20mm plain conduit at top, sides, rear and bottom. Supplied with 2 x Cat. No. C20S20P connectors for 20mm screwed conduit. Switch padlockable in 'on' or 'off' position. Sealing flush caps provided for cover and mounting screws. Switch is 770 series, socket is 38 series.
2	WS38	10A weatherproof single powerpoint
2	WS38R	10A weatherproof single powerpoint with round earth
2	WS38P	10A weatherproof single powerpoint with double pole switch



Pack	Cat No.	Description
		<b>2WS38 series weatherproof double powerpoints, IP33, surface-mounting</b> Size 73 x 123 x 76mm projection. Pushouts for 20mm plain conduit at top, sides, rear and bottom. Supplied with 2 x Cat. No. C20S20P adaptors for 20mm screwed conduit. Switch padlockable in 'on' or 'off' position. Sealing flush caps provided for cover and mounting screws. Switch is 770 series, socket is 38 series.
1	2WS38	10A weatherproof double powerpoint
1	2WS38R	10A weatherproof double powerpoint with round earths
1	WS38/15	15A weatherproof double powerpoint
1	2WS38P	10A weatherproof double powerpoint, with double pole switches

## Weatherproof light fittings and accessories



Pack	Cat No.	Description
		<b>Bulkhead weatherproof light fittings, IP33</b> Mounting centres: 84mm. Size 235 dia x 110mm deep. Suitable for outdoor and wet areas. Surface or wall mounted. 51 & 84mm mounting centres. Terminal block provided. 20mm knockouts in rim, and 20mm & 35mm conduit entry in base. Grey bases available to special order.
1	616	Bulkhead weatherproof BC light fitting. Max lamp 100W. Clear diffuser, white base
1	616/1V	Bulkhead weatherproof light fitting, circular 16W energy-saving fluoro tube. White base. (Opal diffuser only - other diffusers not suitable.)
1	616D	Diffuser only for 616 series. - Clear

## Weatherproof utility boxes and enclosures



Pack	Cat No.	Description
		<b>WS45 series, IP56</b> For surface mounting. Multi-grid 'gear-tray' accepts #6 self tapping or #6-32 screws. Pushouts for 25mm and 32mm plain conduit entry.
1	WS45	Utility box, with clear lid (45mm deep) & multi-grid, gear tray



Pack	Cat No.	WS44 series, IP23
		For surface mounting. Multi-grid 'gear-tray' accepts #6 self tapping or #6-32 screws. Pushouts for 25 mm and 32mm plain conduit entry. Suitable for all Excel or Standard grids.
1	WS44	Flush mounting weatherproof enclosure with clear door
1	WS44S	Surface mounting weatherproof enclosure with clear door
1	WS44B	Mounting base for WS44, 113 x 165 x 45mm. 83mm sq x 39mm deep. 25mm conduit knockouts side of rear. IP53

### Conduit entry fittings for weatherproof boxes



Pack	Cat No.	Conduit entry fitting for weatherproof boxes
25	C20S20P	Converter to join 20mm screwed conduit to box with 20mm plain entry
25	C20PS25P	Converter to join 20mm plain or screwed conduit to box with 25mm plain entry
25	C25S25P	Converter to join 25mm screwed conduit to box with 25mm plain entry
<b>Push-out plugs</b>		
25	P25	Pushout plug for 25mm plain conduit entry hole
25	P32	Pushout plug for 32mm plain conduit entry holes