

TRADER[®]

100 Years of Gerard Electrical Tradition

BUFFALO  TM
INDUSTRIAL SWITCHGEAR



INCLUDES
Buffalo Chemical Resistant
For long life performance



It's time to get on board with Buffalo, Australia's fastest growing range of industrial switchgear.

- Super quality, engineered for contractors
- Great range including chemical resistant orange, grey and white
- Backwards compatible and interchangeable with other switchgear brands
- Top representation & back-up in electrical wholesalers, sales representation and customer relations
 - Excellent value backed by a solid 10 Year warranty.

So get onboard and get buff with Buffalo.

TRADER[®]

100 Years of Gerard Electrical Tradition



Data Spec
Sheets



Web link to
see full range

BUFFALO™

Trader's Buffalo includes a variety of exciting features and benefits:



A NEW LOOK

Instantly recognisable as Buffalo, mix and match with other brands



BLACK BRIDGE PIECES

On switched sockets sit nice and snug



BREATHER / BREATHER DRAIN

Prevents moisture build up inside enclosures.



LOCKING FACILITY

On BUSW products, designed around standard 70mm padlocks



NEW APPLIANCE INLETS

Designed to fit various plug designs



EXTRA DEEP SINGLE BACKBOX

eg. BUBB1GD for rotary cam switches



BACK BOXES & CAPS

Made from PVC, better for gluing in conduit



Add Neutral wire to make double pole

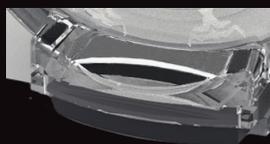
SINGLE POLE COMBINATION SOCKETS

Supplied with a double pole switch to allow easy upgrade



O-RINGS

On backbox threaded entries to assist in sealing



SOCKET LATCHES

Extra wide and easy to grip



DIN COVERS

With neon indicators. Has extra-long wiring tails for better flexibility



TWO CORD GLAND SIZES

Larger gland entry supplied with 32-50A plugs



STRONG CONSTRUCTION

IK09 impact rating on standard grey switches



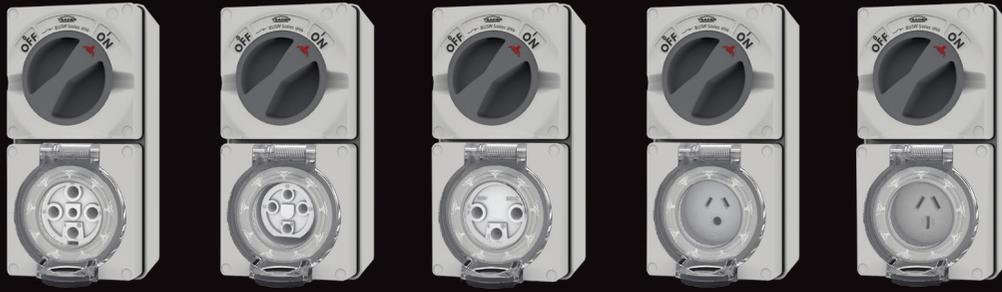
BUILT TOUGH

Fascias manufactured from tough impact resistant polycarbonate while back boxes are moulded in durable PVC.

The IK Impact Protection rating marked on our switchgear indicates the level to which the Buffalo enclosure has been tested to.

Please use this impact resistant chart for reference:

IK RATING	IMPACT TEST DETAILS
IK00	No protection against mechanical impact
IK01	Impact by a 0.25kg mass dropped from 56mm height
IK02	Impact by a 0.25kg mass dropped from 80mm height
IK03	Impact by a 0.25kg mass dropped from 140mm height
IK04	Impact by a 0.25kg mass dropped from 200mm height
IK05	Impact by a 0.25kg mass dropped from 280mm height
IK06	Impact by a 0.25kg mass dropped from 400mm height
IK07	Impact by a 0.5kg mass dropped from 400mm height
IK08	Impact by a 1.7 kg mass dropped from 300mm height
IK09	Impact by a 5kg mass dropped from 200mm height
IK10	Impact by a 5kg mass dropped from 400mm height



BUC Combination Switch Socket Series			Qty Per Box
BUC310 *Clipsal 56C310-GY ^NHP ISOC310PG	A	Combination Switched Socket IP66 10A 250V ac 3 Flat Pin	1
BUC310L *Clipsal 56C310L-GY ^NHP ISOC310LPG	C	Combination Switched Socket IP66 10A 250V ac 2 Flat & 1 Round Pin	1
BUC315 *Clipsal 56C315-GY ^NHP ISOC315PG	B	Combination Switched Socket IP66 15A 250V ac 3 Flat Pin	1
BUC320F *Clipsal 56C320F-GY ^NHP ISOC320FFPG	E	Combination Switched Socket IP66 20A 250V ac 3 Flat Pin	1
BUC320 *Clipsal 56C320-GY ^NHP ISOC320PG	G	Combination Switched Socket IP66 20A 250V ac 3 Round Pin	1
BUC332 *Clipsal 56C332-GY ^NHP ISOC332PG	H	Combination Switched Socket IP66 32A 250V ac 3 Round Pin	1
BUC410 *Clipsal 56C410-GY ^NHP ISOC410PG	I	Combination Switched Socket IP66 10A 500V ac 4 Pin	1
BUC420 *Clipsal 56C420-GY ^NHP ISOC420PG	J	Combination Switched Socket IP66 20A 500V ac 4 Pin	1
BUC432 *Clipsal 56C432-GY ^NHP ISOC432PG	K	Combination Switched Socket IP66 32A 500V ac 4 Pin	1
BUC440 *Clipsal 56C440-GY ^NHP ISOC440PG	L	Combination Switched Socket IP66 40A 500V ac 4 Pin	1
BUC450 *Clipsal 56C450-GY ^NHP ISOC450PG	M	Combination Switched Socket IP66 50A 500V ac 4 Pin	1
BUC510 *Clipsal 56C510-GY ^NHP ISOC510PG	N	Combination Switched Socket IP66 10A 500V ac 5 Pin	1
BUC520 *Clipsal 56C520-GY ^NHP ISOC520PG	O	Combination Switched Socket IP66 20A 500V ac 5 Pin	1
BUC532 *Clipsal 56C532-GY ^NHP ISOC532PG	P	Combination Switched Socket IP66 32A 500V ac 5 Pin	1
BUC540 *Clipsal 56C540-GY ^NHP ISOC540PG	Q	Combination Switched Socket IP66 40A 500V ac 5 Pin	1
BUC550 *Clipsal 56C550-GY ^NHP ISOC550PG	R	Combination Switched Socket IP66 50A 500V ac 5 Pin	1

▲ Note: See Socket Pin Configuration diagrams on adjacent page

ALSO AVAILABLE AS LE "LESS ENCLOSURE" (BACK BOX) - SEE PAGE 13



BUC Combination Switch Socket with RCD (Residual Current Device) Series			Qty Per Box
BUC310RC30N <i>*Clipsal 56SC310RC-GY</i>	A	Combination Switched Socket IP66 20A 500V ac 5 Pin With RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC315RC30N <i>*Clipsal 56SC315RC-GY</i>	B	Combination Switched Socket IP66 15A 250V ac 3 Flat Pin with RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC320RC30N <i>Alternative: N/A</i>	G	Combination Switched Socket IP66 20A 250V ac 3 Pin with RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC320FRC30N <i>Alternative: N/A</i>	E	Combination Switched Socket IP66 20A 250V ac 3 Flat Pin with RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC332RC30N <i>*Voltex C66SC332RC</i>	H	Switched Socket IP66 32A 250V ac 3 Pin with RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC510RC30N <i>*Clipsal 56SC510RC-GY</i>	N	Combination Switched Socket IP66 10A 500V ac 5 Pin With RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC520RC30N <i>*Clipsal 56SC520RC-GY</i>	O	Combination Switched Socket IP66 20A 500V ac 5 Pin With RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC532RC30N <i>*Clipsal 56SC532RC-GY</i>	P	Combination Switched Socket IP66 32A 500V ac 5 Pin With RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC540RC30N <i>*Clipsal 56C540RC-GY</i>	Q	Combination Switched Socket IP66 40A 250V ac 5 Pin with RCD 30mA Protection on BUBB4G with Neon Indicator	1
BUC550RC30N <i>Alternative: N/A</i>	R	Combination Switched Socket IP66 50A 500V ac 5 Pin With RCD 30mA Protection on BUBB4G with Neon Indicator	1

▲ Note: See Socket Pin Configuration diagrams on following pages

COMBINATION SWITCHED SOCKETS WITH RCD - PRODUCT INFORMATION

Functions:

The Switched Socket provides a standard power outlet for connecting electrical devices.

RCD Protection incorporates a Residual Current Device, monitoring the circuit's electrical current.

Upon detecting leakage, signalling a potential fault, it cuts off power to prevent electric shock.

Benefits:

Conveniently combines a power outlet and safety feature in a single unit.

Provides added protection (safety) against electric shock, especially in areas prone to water exposure.

Applications:

Ideal for Wet Areas or outdoor environments with exposure to moisture.

Ensures Compliance by meeting Australian electrical & safety standards.

Please Note: Combination Switched Sockets are made to order with a 2-week lead time. Please enquire for availability, and pricing.



BUSW Heavy Duty Switches IP66		Qty Per Box
BUSW210 ^NHP ISOSW110PG	Switch Disconnecter IP66 10A 500V ac 2 Pole	1
BUSW220 *Clipsal 56SW220-GY ^NHP ISOSW120PG	Switch Disconnecter IP66 20A 500V ac 2 Pole	1
BUSW220CO *Clipsal 56SW220CO-GY	Switch IP66 Changeover 20A 500V ac 2 Pole	1
BUSW232 *Clipsal 56SW232-GY ^NHP ISOSW132PG	Switch Disconnecter IP66 32A 500V ac 2 Pole	1
BUSW310 *Clipsal 56SW310-GY ^NHP ISOSW310PG	Switch Disconnecter IP66 10A 500V ac 3 Pole	1
BUSW320 *Clipsal 56SW320-GY ^NHP ISOSW320PG	Switch Disconnecter IP66 20A 500V ac 3 Pole	1
BUSW320R *Clipsal 56SW320R-GY	Switch IP66 20A 500V ac Forward Reverse 3 Pole	1
BUSW332 *Clipsal 56SW332-GY ^NHP ISOSW332PG	Switch Disconnecter IP66 32A 500V ac 3 Pole	1
BUSW363 *Clipsal 56SW363-GY	Switch Disconnecter IP66 63A 500V ac 3 Pole	1
BUSW420 *Clipsal 56SW420 ^NHP ISOSW420PG	Switch Disconnecter IP66 20A 500V ac 4 Pole	1
BUSW432 *Clipsal 56SW432 ^NHP ISOSW432PG	Switch Disconnecter IP66 32A 500V ac 4 Pole	1
BUSW463 Similar to *Clipsal 56SW463	Switch Disconnecter IP66 63A 500V ac 4 Pole, Deep Enclosure	1

ALSO AVAILABLE AS LE "LESS ENCLOSURE" (BACK BOX) - SEE PAGE 13



Let's take this Outside!



PMBUSW

PM Powermesh BU Buffalo SW Switch

Powermesh Multi Purpose Switch 1 Button 10AX 240V
3 Wire Only Buffalo Enclosure IP66

1 Button

Switch

IP66

10AX

1

Per Box

1 box x 5 items

5

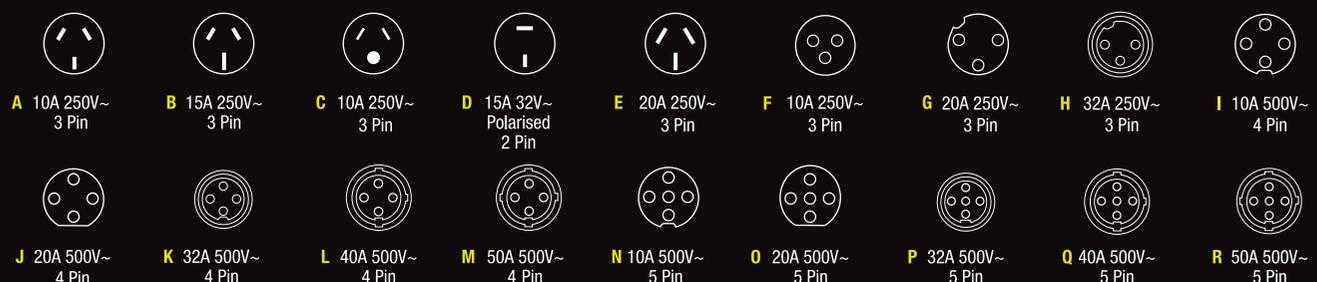
Per Carton

Take control outdoors with the PMBUSW - don't let the rain stop you. (IP66)



BUAI Appliance Inlet Series			Qty Per Box
BUAI310 *Clipsal 56AI310-GY ^NHP ISOAI310PG	A	Appliance Inlet IP66 10A 250V	1
BUAI315 *Clipsal 56AI315-GY ^NHP ISOAI315PG	B	Appliance Inlet IP66 15A 250V	1
BUAI320 *Clipsal 56AI320-GY ^NHP ISOAI320PG	G	Appliance Inlet IP66 20A 250V ac 3 Round Pin	1
BUAI332 *Clipsal 56AI332-GY ^NHP ISOAI332PG	H	Appliance Inlet IP66 32A 250V ac 3 Round Pin	1
BUAI410 *Clipsal 56AI410-GY ^NHP ISOAI410PG	I	Appliance Inlet IP66 10A 500V ac 4 Pin	1
BUAI420 *Clipsal 56AI420-GY ^NHP ISOAI420PG	J	Appliance Inlet IP66 20A 500V ac 4 Pin	1
BUAI432 *Clipsal 56AI432-GY ^NHP ISOAI432PG	K	Appliance Inlet IP66 32A 500V ac 4 Pin	1
BUAI440 *Clipsal 56AI440-GY ^NHP ISOAI440PG	L	Appliance Inlet IP66 40A 500V ac 4 Pin	1
BUAI450 *Clipsal 56AI450-GY ^NHP ISOAI450PG	M	Appliance Inlet IP66 50A 500V ac 4 Pin	1
BUAI510 *Clipsal 56AI510-GY ^NHP ISOAI510PG	N	Appliance Inlet IP66 10A 500V ac 5 Pin	1
BUAI520 *Clipsal 56AI520-GY ^NHP ISOAI520PG	O	Appliance Inlet IP66 20A 500V ac 5 Pin	1
BUAI532 *Clipsal 56AI532-GY ^NHP ISOAI532PG	P	Appliance Inlet IP66 32A 500V ac 5 Pin	1
BUAI540 *Clipsal 56AI540-GY ^NHP ISOAI540PG	Q	Appliance Inlet IP66 40A 500V ac 5 Pin	1
BUAI550 *Clipsal 56AI550-GY ^NHP ISOAI550PG	R	Appliance Inlet IP66 50A 500V ac 5 Pin	1
BUAICAP		Appliance Inlet Cap for Buffalo Range	12

Plug Pin Configurations

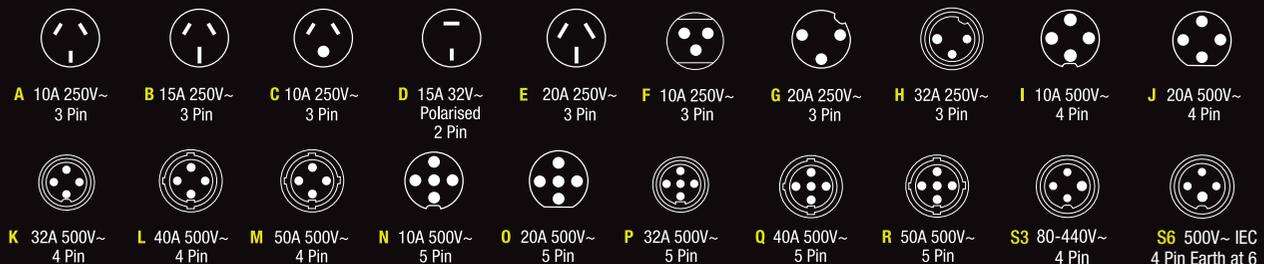




BUSOAU Sockets Auto-Switched Series IP66			Qty Per Box
BUSOAU310 <i>*Clipsal 56SO310A-GY</i>	A	Socket Auto-Switched IP66 10A 250V ac 3 Flat Pin	1
BUSOAU315 <i>*Clipsal 56SO315A-GY</i>	B	Socket Auto-Switched IP66 15A 250V ac 3 Flat Pin	1
BUSO Sockets Heavy Duty IP66			
BUSO215P32 <i>*Clipsal 56SO215/32LE-GY</i>	D	Socket IP66 15A 32V~ 2 Pin Polarised	1
BUSO310 <i>*Clipsal 56SO310-GY ^NHP ISOSO310PG</i>	A	Socket IP66 10A 250V ac 3 Flat Pin	1
BUSO310L <i>*Clipsal 56SO310L-GY ^NHP ISOSO310LPG</i>	C	Socket IP66 10A 250V ac 2 Flat & 1 Round Pin	1
BUSO310RP <i>*Clipsal 56SO310RP-GY</i>	F	Socket IP66 10A 250V ac 3 Round Pin	1
BUSO315 <i>*Clipsal 56SO315-GY ^NHP ISOSO315PG</i>	B	Socket IP66 15A 250V ac 3 Flat Pin	1
BUSO320F <i>*Clipsal 56SO320F-GY ^NHP ISOSO320FPG</i>	E	Socket IP66 20A 250V ac 3 Flat Pin	1
BUSO320 <i>*Clipsal 56SO320-GY ^NHP ISOSO320PG</i>	G	Socket IP66 20A 250V ac 3 Round Pin	1
BUSO332 <i>*Clipsal 56SO332-GY ^NHP ISOSO332PG</i>	H	Socket IP66 32A 250V ac 3 Round Pin	1
BUSO410 <i>*Clipsal 56SO410-GY ^NHP ISOSO410PG</i>	I	Socket IP66 10A 500V~ 4 Pin	1
BUSO420 <i>*Clipsal 56SO420-GY ^NHP ISOSO420PG</i>	J	Socket IP66 20A 500V~ 4 Pin	1
BUSO432 <i>*Clipsal 56SO432-GY ^NHP ISOSO432PG</i>	K	Socket IP66 32A 500V~ 4 Pin	1
BUSO432E3HLE	S3	Socket IP66 32A 380-440V~ 4 Pin IEC309 Earth 3 Hour Clock Position Less Enclosure	1
BUSO432E6HLE	S6	Socket IP66 32A 380-440V~ 4 Pin IEC309 Earth 6 Hour Clock Position Less Enclosure	1
BUSO440 <i>*Clipsal 56SO440-GY ^NHP ISOSO440PG</i>	L	Socket IP66 40A 500V~ 4 Pin	1
BUSO450 <i>*Clipsal 56SO450-GY ^NHP ISOSO450PG</i>	M	Socket IP66 50A 500V~ 4 Pin	1
BUSO510 <i>*Clipsal 56SO510-GY ^NHP ISOSO510PG</i>	N	Socket IP66 10A 500V~ 5 Pin	1
BUSO520 <i>*Clipsal 56SO520-GY ^NHP ISOSO520PG</i>	O	Socket IP66 20A 500V~ 5 Pin	1
BUSO532 <i>*Clipsal 56SO532-GY ^NHP ISOSO532PG</i>	P	Socket IP66 32A 500V~ 5 Pin	1
BUSO540 <i>*Clipsal 56SO540-GY ^NHP ISOSO540PG</i>	Q	Socket IP66 40A 500V~ 5 Pin	1
BUSO550 <i>*Clipsal 56SO550-GY ^NHP ISOSO550PG</i>	R	Socket IP66 50A 500V~ 5 Pin	1

ALSO AVAILABLE AS LE "LESS ENCLOSURE" (BACK BOX) - SEE BACK OF BUFFALO SECTION

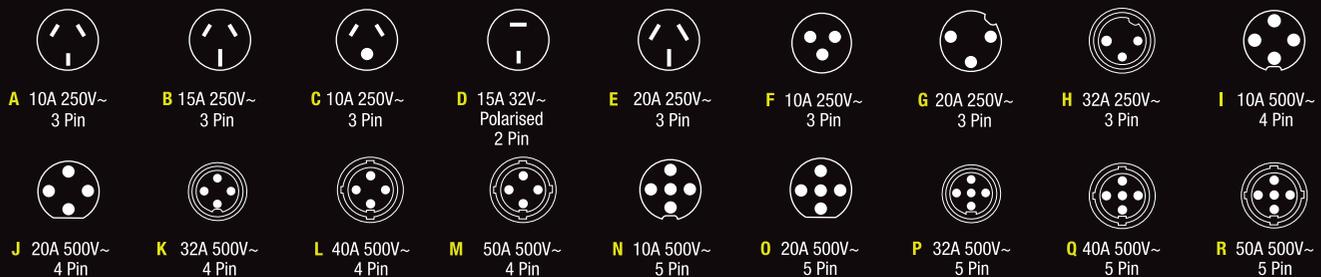
Socket Pin Configurations





BUEXSO Socket extension cords IP66			Qty Per Box
BUEXSO310 <i>*Clipsal 56CSC310-EO ^NHP ISOEX310P</i>	A	Socket Extension Cord IP66 10A 250V ac 3 Flat Pin	1
BUEXSO315 <i>*Clipsal 56CSC315-EO ^NHP ISOEX315P</i>	B	Socket Extension Cord IP66 15A 250V ac 3 Flat Pin	1
BUEXSO320F <i>*No alternative available</i>	E	Socket Extension Cord IP66 20A 250V ac 3 Flat Pin	1
BUEXSO320 <i>*Clipsal 56CSC320-EO ^NHP ISOEX320P</i>	G	Socket Extension Cord IP66 20A 250V ac 3 Round Pin	1
BUEXSO332 <i>*Clipsal 56CSC332-EO ^NHP ISOEX332P</i>	H	Socket Extension Cord IP66 32A 250V ac 3 Round Pin	1
BUEXSO410 <i>*Clipsal 56CSC410-EO ^NHP ISOEX410P</i>	I	Socket Extension Cord IP66 10A 500V ac 4 Pin	1
BUEXSO420 <i>*Clipsal 56CSC420-EO ^NHP ISOEX420P</i>	J	Socket Extension Cord IP66 20A 500V ac 4 Pin	1
BUEXSO432 <i>*Clipsal 56CSC432-EO ^NHP ISOEX432P</i>	K	Socket Extension Cord IP66 32A 500V ac 4 Pin	1
BUEXSO440 <i>*Clipsal 56CSC440-EO ^NHP ISOEX440P</i>	L	Socket Extension Cord IP66 40A 500V ac 4 Pin	1
BUEXSO450 <i>*Clipsal 56CSC450-EO ^NHP ISOEX450P</i>	M	Socket Extension Cord IP66 50A 500V ac 4 Pin	1
BUEXSO510 <i>*Clipsal 56CSC510-EO ^NHP ISOEX510P</i>	N	Socket Extension Cord IP66 10A 500V ac 5 Pin	1
BUEXSO520 <i>*Clipsal 56CSC520-EO ^NHP ISOEX520P</i>	O	Socket Extension Cord IP66 20A 500V ac 5 Pin	1
BUEXSO532 <i>*Clipsal 56CSC532-EO ^NHP ISOEX532P</i>	P	Socket Extension Cord IP66 32A 500V ac 5 Pin	1
BUEXSO540 <i>*Clipsal 56CSC540-EO ^NHP ISOEX540P</i>	Q	Socket Extension Cord IP66 40A 500V ac 5 Pin	1
BUEXSO550 <i>*Clipsal 56CSC550-EO ^NHP ISOEX550P</i>	R	Socket Extension Cord IP66 50A 500V ac 5 Pin	1

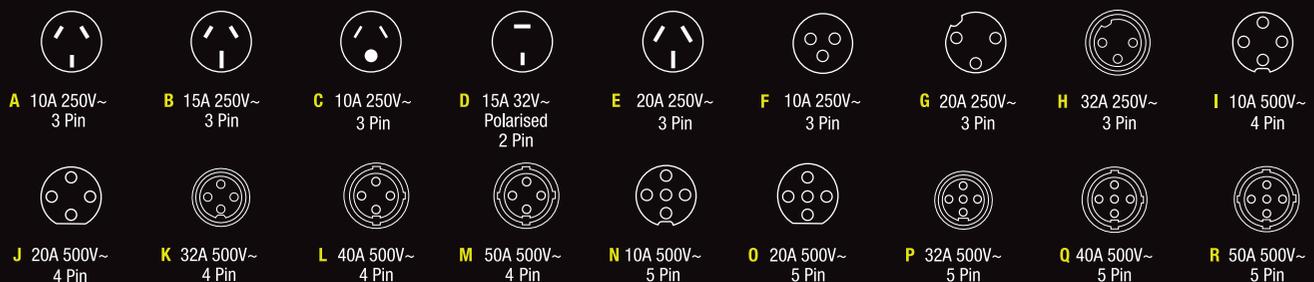
Socket Plug Configurations





BUP Plugs IP66			Qty Per Box
BUP310 <i>*Clipsal 56P310-EO ^NHP ISOPS310P</i>	A	Plug IP66 10A 250V ac 3 Flat Pin	1
BUP310L <i>*Clipsal 56P310SL-EO</i>	C	Plug IP66 10A 250V ac 2 Flat & 1 Round Pin	1
BUP310RP <i>*Clipsal 56S0310RP-GY</i>	F	Plug IP66 10A 250V ac 3 Round Pin	1
BUP315 <i>*Clipsal 56P315-EO ^NHP ISOPS315P</i>	B	Plug IP66 15A 250V ac 3 Flat Pin	1
BUP320F <i>^NHP ISOPS320FP</i>	E	Plug IP66 20A 250V ac 3 Flat Pin	1
BUP320 <i>*Clipsal 56P320-EO ^NHP ISOPS320P</i>	G	Plug IP66 20A 250V ac 3 Round Pin	1
BUP332 <i>*Clipsal 56P332-EO ^NHP ISOPS332P</i>	H	Plug IP66 32A 250V ac 3 Round Pin	1
BUP410 <i>*Clipsal 56P410-EO ^NHP ISOPS410P</i>	I	Plug IP66 10A 500V ac 4 Pin	1
BUP420 <i>*Clipsal 56P420-EO ^NHP ISOPS420P</i>	J	Plug IP66 20A 500V ac 4 Pin	1
BUP432 <i>*Clipsal 56P432-EO ^NHP ISOPS432P</i>	K	Plug IP66 32A 500V ac 4 Pin	1
BUP440 <i>*Clipsal 56P440-EO ^NHP ISOPS432P</i>	L	Plug IP66 40A 500V ac 4 Pin	1
BUP450 <i>*Clipsal 56P450-EO ^NHP ISOPS432P</i>	M	Plug IP66 50A 500V ac 4 Pin	1
BUP510 <i>*Clipsal 56P510-EO ^NHP ISOPS510P</i>	N	Plug IP66 10A 500V ac 5 Pin	1
BUP520 <i>*Clipsal 56P520-EO ^NHP ISOPS520P</i>	O	Plug IP66 20A 500V ac 5 Pin	1
BUP532 <i>*Clipsal 56P532-EO ^NHP ISOPS532P</i>	P	Plug IP66 32A 500V ac 5 Pin	1
BUP540 <i>*Clipsal 56P540-EO ^NHP ISOPS540P</i>	Q	Plug IP66 40A 500V ac 5 Pin	1
BUP550 <i>*Clipsal 56P550-EO ^NHP ISOPS550P</i>	R	Plug IP66 50A 500V ac 5 Pin	1

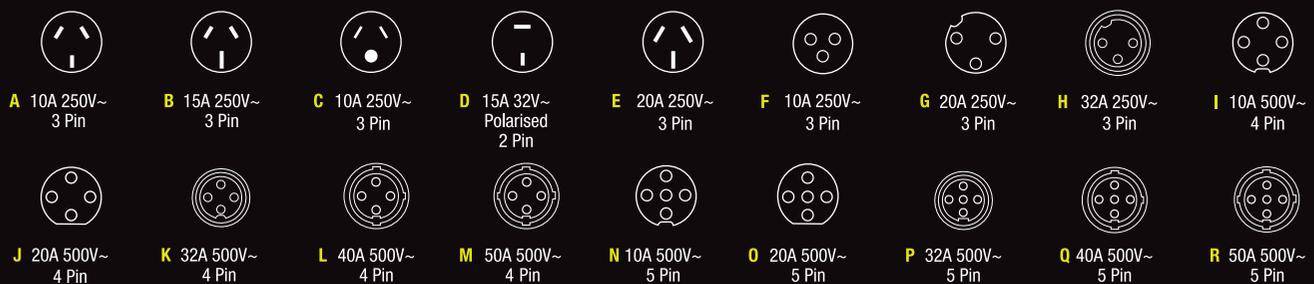
Plug Pin Configurations





BUPA Plugs Angled IP66			Qty Per Box
BUPA320 <i>*Clipsal 56PA320-EO</i>	G	Plug Angled IP66 20A 250V ac 3 Round Pin	1
BUPA332 <i>*Clipsal 56PA332-EO</i>	H	Plug Angled IP66 32A 250V ac 3 Round Pin	1
BUPA410 <i>*Clipsal 56PA410-EO</i>	I	Plug Angled IP66 10A 500V ac 4 Pin	1
BUPA420 <i>*Clipsal 56PA420-EO ^NHP ISOPA420P</i>	J	Plug Angled IP66 20A 500V ac 4 Pin	1
BUPA432 <i>*Clipsal 56PA432-EO ^NHP ISOPA432P</i>	K	Plug Angled IP66 32A 500V ac 4 Pin	1
BUPA440 <i>*Clipsal 56PA440-EO ^NHP ISOPA440P</i>	L	Plug Angled IP66 40A 500V ac 4 Pin	1
BUPA450 <i>*Clipsal 56PA450-EO ^NHP ISOPA450P</i>	M	Plug Angled IP66 50A 500V ac 4 Pin	1
BUPA510 <i>*Clipsal 56PA510-EO</i>	N	Plug Angled IP66 10A 500V ac 5 Pin	1
BUPA520 <i>*Clipsal 56PA520-EO ^NHP ISOPA520P</i>	O	Plug Angled IP66 20A 500V ac 5 Pin	1
BUPA532 <i>*Clipsal 56PA532-EO ^NHP ISOPA532P</i>	P	Plug Angled IP66 32A 500V ac 5 Pin	1
BUPA540 <i>*Clipsal 56PA540-EO ^NHP ISOPA540P</i>	Q	Plug Angled IP66 40A 500V ac 5 Pin	1
BUPA550 <i>*Clipsal 56PA552-EO ^NHP ISOPA550P</i>	R	Plug Angled IP66 50A 500V ac 5 Pin	1

Plug Pin Configurations





BUBB Enclosure (Back Box) Series		Qty Per Box
BUBB1G <i>*Clipsal 56E1-GY ^NHP ISOBB1G</i>	Enclosure Back Box 1 Gang with 32mm & 2 x 25mm Entries	1
BUBB1GS <i>*Clipsal 56ES1-GY ^NHP ISOBBS1G</i>	Enclosure Back Box 1 Gang SHALLOW With 25mm & 2 x 20mm Entries	1
BUBB1GD <i>Nil</i>	Enclosure Back Box 1 Gang DEEP With 2 x 40mm Entries	1
BUBB2G <i>*Clipsal 56E2-GY ^NHP ISOBB2G</i>	Enclosure Back Box 2 Gang with 32mm & 2 x 25mm Entries	1
BUBB2GS <i>*Clipsal 56ES2-GY ^NHPISOBBS2G</i>	Enclosure Back Box 2 Gang SHALLOW With 25mm & 2 x 20mm Entries	1
BUBB2GD <i>*Clipsal 56ED2-GY ^NHPISOBB2EDG</i>	Enclosure Back Box 2 Gang DEEP With 2 x 40mm Entries	1
BUBB3G <i>*Clipsal 56E3-GY ^NHP ISOBB3G</i>	Enclosure Back Box 3 Gang with 32mm & 2 x 25mm Entries	1
BUBB4G <i>*Clipsal 56E4-GY ^NHP ISOBB4G</i>	Enclosure Back Box 4 Gang with 2 x 32mm & 2 x 25mm Entries	1
BUBB6G <i>*Clipsal 56E6-GY ^NHP ISOBB6G</i>	Enclosure Back Box 6 Gang with 2 x 32mm & 2 x 25mm Entries	1
Enclosure Lid Series		
BUL1 <i>*Clipsal 56L1-GY ^NHP ISOBBL1G</i>	Lid for 1 Gang Enclosures	1
BUL2 <i>*Clipsal 56L2-GY ^NHP ISOBBL2G</i>	Lid for 2 Gang Enclosures	1
Junction Boxes		
BUJB1 <i>*Clipsal 56JB1-GY</i>	Junction Box 1 Gang IP66, 40A, with connectors	1
BUJB2 <i>*Clipsal 56JB2-GY</i>	Junction Box 2 Gang IP66, 40A, with connectors	1
Enclosure DIN Series		
BU4DIN	Enclosure DIN 4 Pole IP66	1
BU4DINLED	Enclosure DIN 4 Pole IP66 with LED	1
BUMF	Mounting Feet Kit for Buffalo Enclosures 304 Stainless Steel	12
DIN Rail Assembly and Bridge for BUBB Back Box		
BU4DINKIT <i>*Clipsal 56DINASS</i>	DIN Rail Assembly Kit 4 Pole	15
BUBRIDGE <i>*Clipsal 56B-BK</i>	Bridge for BUBB Back Box Range	10
BUBRIDGED <i>*Clipsal 56DV-BK</i>	Bridge Divider for BUBB Back Box Range	10
BUCAP9 <i>*Clipsal 9-LG</i>	Cover Screw Caps for Buffalo Range Grey, Pack of 4	(4 caps per pack)
BUSPOK <i>*Clipsal 56SPOK ^NHP ISOPKBB</i>	Pendant Kit (Stainless Steel) for Switched Outlets	10
Switchboard		
BUSB13 <i>*Clipsal 56SB13-GY</i>	Switchboard 13 Module IP66	1
Breather and Pressure Equalisers		
BUBR	Breather and Pressure Equaliser M25 Thread IP68	10
BUBRD	Breather and Pressure Equaliser with Drain M25 Thread IP64	10
Socket Flap Assembly		
BUSOFA	Socket Flap Assembly	1
Gasket		
BUHPG2G <i>*Clipsal 56HPG2/2-CM</i>	Gasket High Pressure, Weatherproof 2 Gang, Cream for Buffalo Range	10



BUC Combination Switch Socket Series - LESS ENCLOSURE			Qty Per Box
BUC310LE	A	Combination Switched Socket IP66 10A 250V 3 Flat Pin, Less Enclosure	1
BUC315LE	B	Combination Switched Socket IP66 15A 250V 3 Flat Pin, Less Enclosure	1
BUC320FLE	E	Combination Switched Socket IP66 20A 250V ac 3 Flat Pin, Less Enclosure	1
BUC320LE	G	Combination Switched Socket IP66 20A 250V 3 Round Pin, Less Enclosure	1
BUC332LE	H	Combination Switched Socket IP66 32A 250V 3 Round Pin, Less Enclosure	1
BUC410LE	I	Combination Switched Socket IP66 10A 500V 4 Pin, Less Enclosure	1
BUC420LE	J	Combination Switched Socket IP66 20A 500V 4 Pin, Less Enclosure	1
BUC432LE	K	Combination Switched Socket IP66 32A 500V 4 Pin, Less Enclosure	1
BUC440LE	L	Combination Switched Socket IP66 40A 500V ac 4 Pin, Less Enclosure	1
BUC450LE	M	Combination Switched Socket IP66 50A 500V ac 4 Pin, Less Enclosure	1
BUC510LE	N	Combination Switched Socket IP66 10A 500V 5 Pin, Less Enclosure	1
BUC520LE	O	Combination Switched Socket IP66 20A 500V 5 Pin, Less Enclosure	1
BUC532LE	P	Combination Switched Socket IP66 32A 500V 5 Pin, Less Enclosure	1
BUC540LE	Q	Combination Switched Socket IP66 40A 500V ac 5 Pin, Less Enclosure	1
BUC550LE	R	Combination Switched Socket IP66 50A 500V ac 5 Pin, Less Enclosure	1
BUSW Switch Series - LESS ENCLOSURE			
BUSW210LE		Switch Disconnecter IP66 10A 500V ac 2 Pole, Less Enclosure	1
BUSW220LE		Switch Disconnecter IP66 20A 500V 2 Pole, Less Enclosure	1
BUSW220COLE		Switch IP66 Changeover 20A 500V ac 2 Pole Less Enclosure	1
BUSW232LE		Switch Disconnecter IP66 32A 500V ac 2 Pole, Less Enclosure	1
BUSW310LE		Switch Disconnecter IP66 10A 250V ac 3 Pole, Less Enclosure	1
BUSW320LE		Switch Disconnecter IP66 20A 250V ac 3 Pole, Less Enclosure	1
BUSW320RLE		Switch IP66 20A 500V ac Forward Reverse 3 Pole Less Enclosure	1
BUSW332LE		Switch Disconnecter IP66 32A 500V ac 3 Pole, Less Enclosure	1
BUSW363LE		Switch Disconnecter IP66 63A 500V ac 3 Pole, Less Enclosure	1
BUSW420LE		Switch Disconnecter IP66 20A 500V 4 Pole, Less Enclosure	1
BUSW432LE		Switch Disconnecter IP66 32A 500V 4 Pole, Less Enclosure	1
BUSW463LE		Switch Disconnecter IP66 63A 500V 4 Pole, Less Enclosure	1
BUAI Appliance Inlet - LESS ENCLOSURE			
BUAI310LE	A	Appliance Inlet IP66 10A 250V 3 Flat Pin, Less Enclosure	1
BUAI315LE	B	Appliance Inlet IP66 15A 250V 3 Flat Pin, Less Enclosure	1

▲ Note: See Socket Pin Configuration diagrams on pages 8 - 9

Note: Cross references / Alternatives product part numbers can be found on page 21-22



BUSO Sockets - LESS ENCLOSURE			Qty Per Box
BUSOAU310LE	A	Socket Auto-Switched IP66 10A 250V 3 Flat Pin, Less Enclosure	1
BUSOAU315LE	B	Socket Auto-Switched IP66 15A 250V 3 Flat Pin, Less Enclosure	1
BUSO215P32LE	D	Socket IP66 15A 32V ac 2 Pin Polarised, Less Enclosure	1
BUSO310LE	A	Socket IP66 10A 250V ac 3 Flat Pin, Less Enclosure	1
BUSO310LLE	C	Socket IP66 10A 250V ac 2 Flat & 1 Round Pin, Less Enclosure	1
BUSO310RPLE	F	Socket IP66 10A 250V ac 3 Round Pin	1
BUSO315LE	B	Socket IP66 15A 250V ac 3 Flat Pin, Less Enclosure	1
BUSO320FLE	E	Socket IP66 20A 250V ac 3 Flat Pin, Less Enclosure	1
BUSO320LE	G	Socket IP66 20A 250V ac 3 Round Pin, Less Enclosure	1
BUSO332LE	H	Socket IP66 32A 250V ac 3 Round Pin, Less Enclosure	1
BUSO410LE	I	Socket IP66 10A 500V ac 4 Pin, Less Enclosure	1
BUSO420LE	J	Socket IP66 20A 500V ac 4 Pin, Less Enclosure	1
BUSO432LE	K	Socket IP66 32A 500V ac 4 Pin, Less Enclosure	1
BUSO440LE	L	Socket IP66 40A 500V ac 4 Pin, Less Enclosure	1
BUSO450LE	M	Socket IP66 50A 500V ac 4 Pin, Less Enclosure	1
BUSO510LE	N	Socket IP66 10A 500V ac 5 Pin, Less Enclosure	1
BUSO520LE	O	Socket IP66 20A 500V ac 5 Pin, Less Enclosure	1
BUSO532LE	P	Socket IP66 32A 500V ac 5 Pin, Less Enclosure	1
BUSO540LE	Q	Socket IP66 40A 500V ac 5 Pin, Less Enclosure	1
BUSO550LE	R	Socket IP66 50A 500V ac 5 Pin, Less Enclosure	1
▲ Note: See Socket Pin Configuration diagrams on page 8 and 9.			
DIN - LESS ENCLOSURE			
BU4DINLE		Enclosure DIN 4 Pole IP66, Less Enclosure	1
BU4DINLEDLE		Enclosure DIN 4 Pole IP66, with LED, Less Enclosure	1
MECH APERTURE - LESS ENCLOSURE			
BUMAE2GLE		Enclosure Mech Aperture 2 Gang IP66 Less Enclosure	1

Note: Cross references / Alternatives product part numbers can be found on page 21 - 22

Note: Where no cross references are shown it is assumed that no Alternatives or similar product exists.

The Trader Cross Reference Chart is to be used as a general guide only. Competitor products used in cross references provide a similar function to the Alternatives Trader product, but are certainly not the same.

There are also gaps in the cross reference tables where we have not been able to locate an Alternatives offer, but things change and you should check with those suppliers for confirmation.

* The Clipsal Brand and the associated product codes are Trademarks of Schneider Electric (Australia) Pty Ltd ^ The NHP Brand and the associated product codes are Trademarks of NHP Electrical Engineering Products Pty Ltd

BUFFALO

Chemical Resistant Range - Acid test proven

Our new Buffalo Chemical Resistant range is designed to meet the needs of harsh industrial environments where intensive cleaning and chemical contact would otherwise damage standard switchgear surfaces.



Resistant GREY

Grey & Purple

Resists: Alkaline and caustic cleaners and foaming agents eg. Sodium Hydroxide and Potassium Hydroxide

Typical applications: Food processing plants, fast food outlets & workshops

Resistant ORANGE

Orange & Dark Red

Resists: Acidic based cleaners eg. Hydrochloric, Nitric and Sulphuric.

Typical applications: Wineries, commercial kitchens & food preparation storage tanks

Resistant WHITE

White & Dark Red

Typical applications:
For food preparation areas that use acidic type cleaners but require a stylish presentation to match the decor. Typical applications include supermarket deli areas, restaurants and food preparation facilities.

Buffalo Chemical Resistant for long life performance.



SCAN QR CODE TO SEE FLYER & FIND OUT MORE

Match the range material selection* against the chemical cleaners used.

*Refer to the Buffalo Chemical Resistance Chart.



Data Spec
Sheets



Web link to
full range

Chemical Resistant GREY		Qty Per Box
BUC310RG *Clipsal 56C310-CG	Combination Switched Socket IP66 10A 250V ac 3 Flat Pin Chemical Resistant Grey	1
BUC315RG *Clipsal 56C315-CG	Combination Switched Socket IP66 15A 250V ac 3 Flat Pin Chemical Resistant Grey	1
BUC320FRG *Clipsal 56C320F-CG	Combination Switched Socket IP66 20A 250V ac 3 Flat Pin Chemical Resistant Grey	1
BUC320RG *Clipsal 56C320-CG	Combination Switched Socket IP66 20A 250V ac 3 Round Pin Chemical Resistant Grey	1
BUC332RG *Clipsal 56C332-CG	Combination Switched Socket IP66 32A 250V ac 3 Round Pin Chemical Resistant Grey	1
BUC410RG *Clipsal 56C410-CG	Combination Switched Socket IP66 10A 500V ac 4 Pin Chemical Resistant Grey	1
BUC420RG *Clipsal 56C420-CG	Combination Switched Socket IP66 20A 500V ac 4 Pin Chemical Resistant Grey	1
BUC432RG *Clipsal 56C432-CG	Combination Switched Socket IP66 32A 500V ac 4 Pin Chemical Resistant Grey	1
BUC440RG *Clipsal 56C440-CG	Combination Switched Socket IP66 40A 500V ac 4 Pin Chemical Resistant Grey	1
BUC450RG *Clipsal 56C450-CG	Combination Switched Socket IP66 50A 500V ac 4 Pin Chemical Resistant Grey	1
BUC510RG *Clipsal 56C510-CG	Combination Switched Socket IP66 10A 500V ac 5 Pin Chemical Resistant Grey	1
BUC520RG *Clipsal 56C520-CG	Combination Switched Socket IP66 20A 500V ac 5 Pin Chemical Resistant Grey	1
BUC532RG *Clipsal 56C532-CG	Combination Switched Socket IP66 32A 500V ac 5 Pin Chemical Resistant Grey	1
BUC540RG *Clipsal 56C540-CG	Combination Switched Socket IP66 40A 500V ac 5 Pin Chemical Resistant Grey	1
BUC550RG *Clipsal 56C550-CG	Combination Switched Socket IP66 50A 500V ac 5 Pin Chemical Resistant Grey	1
BUSW210RG *Clipsal 56SW210/2-CG	Switch Disconnecter IP66 10A 500V ac 2 Pole Chemical Resistant Grey	1
BUSW220RG *Clipsal 56SW220-CG	Switch Disconnecter IP66 20A 500V ac 2 Pole Chemical Resistant Grey	1
BUSW232RG *Clipsal 56SW232/2-CG	Switch Disconnecter IP66 32A 500V ac 2 Pole Chemical Resistant Grey	1
BUSW310RG *Clipsal 56SW310-CG	Switch Disconnecter IP66 10A 500V ac 3 Pole Chemical Resistant Grey	1
BUSW320RG *Clipsal 56SW320-CG	Switch Disconnecter IP66 20A 500V ac 3 Pole Chemical Resistant Grey	1
BUSW332RG *Clipsal 56SW332-CG	Switch Disconnecter IP66 32A 500V ac 3 Pole Chemical Resistant Grey	1
BUSW363RG *Clipsal 56SW363-CG	Switch Disconnecter IP66 63A 500V ac 3 Pole Chemical Resistant Grey	1
BU4DINRG *Clipsal 56CB4N-CG	Enclosure DIN 4 Pole IP66 Chemical Resistant Grey	1
BUL1RG *Clipsal 56L1-CG	Lid for 1 Gang Enclosures Chemical Resistant Grey	1
BUL2RG *Clipsal 56L2-CG	Lid for 2 Gang Enclosures Chemical Resistant Grey	1
BUBB1GSRG *Clipsal	Enclosure Back Box Shallow 1 Gang with 25mm and 2 x 20mm Entries Chemical Resistant Grey	1
BUBB2GSRG *Clipsal	Enclosure Back Box Shallow 2 Gang with 25mm and 2 x 20mm Entries Chemical Resistant Grey	1
BUBB4GRG *Clipsal 56E2-CG	Enclosure Back Box 4 Gang with 2 x 32mm & 2 x 25mm Entries Chemical Resistant Grey	1

"Less Enclosure" (Back Box) versions available by request. Contact Customer Service on 1300 301 838



Data Spec
Sheets



Web link to
full range

Chemical Resistant ORANGE		Qty Per Box
BUC310RO <i>*Clipsal 56C310-RO</i>	Combination Switched Socket IP66 10A 250V ac 3 Flat Pin Chemical Resistant Orange	1
BUC315RO <i>*Clipsal 56C315-RO</i>	Combination Switched Socket IP66 15A 250V ac 3 Flat Pin Chemical Resistant Orange	1
BUC320FRO <i>*Clipsal 56C320F-RO</i>	Combination Switched Socket IP66 20A 250V ac 3 Flat Pin Chemical Resistant Orange	1
BUC320RO <i>*Clipsal 56C320-RO</i>	Combination Switched Socket IP66 20A 250V ac 3 Round Pin Chemical Resistant Orange	1
BUC332RO <i>*Clipsal 56C332-RO</i>	Combination Switched Socket IP66 32A 250V ac 3 Round Pin Chemical Resistant Orange	1
BUC410RO <i>*Clipsal 56C410-RO</i>	Combination Switched Socket IP66 10A 500V ac 4 Pin Chemical Resistant Orange	1
BUC420RO <i>*Clipsal 56C420-RO</i>	Combination Switched Socket IP66 20A 500V ac 4 Pin Chemical Resistant Orange	1
BUC432RO <i>*Clipsal 56C432-RO</i>	Combination Switched Socket IP66 32A 500V ac 4 Pin Chemical Resistant Orange	1
BUC440RO <i>*Clipsal 56C440-RO</i>	Combination Switched Socket IP66 40A 500V ac 4 Pin Chemical Resistant Orange	1
BUC450RO <i>*Clipsal 56C450-RO</i>	Combination Switched Socket IP66 50A 500V ac 4 Pin Chemical Resistant Orange	1
BUC510RO <i>*Clipsal 56C510-RO</i>	Combination Switched Socket IP66 10A 500V ac 5 Pin Chemical Resistant Orange	1
BUC520RO <i>*Clipsal 56C520-RO</i>	Combination Switched Socket IP66 20A 500V ac 5 Pin Chemical Resistant Orange	1
BUC532RO <i>*Clipsal 56C532-RO</i>	Combination Switched Socket IP66 32A 500V ac 5 Pin Chemical Resistant Orange	1
BUC540RO <i>*Clipsal 56C540-RO</i>	Combination Switched Socket IP66 40A 500V ac 5 Pin Chemical Resistant Orange	1
BUC550RO <i>*Clipsal 56C550-RO</i>	Combination Switched Socket IP66 50A 500V ac 5 Pin Chemical Resistant Orange	1
BUSW210RO <i>*Clipsal 56SW210/2-RO</i>	Switch Disconnecter IP66 10A 500V ac 2 Pole Chemical Resistant Orange	1
BUSW220RO <i>*Clipsal 56SW220-RO</i>	Switch Disconnecter IP66 20A 500V ac 2 Pole Chemical Resistant Orange	1
BUSW232RO <i>*Clipsal 56C232-RO</i>	Switch Disconnecter IP66 32A 500V ac 2 Pole Chemical Resistant Orange	1
BUSW310RO <i>*Clipsal 56SW232-RO</i>	Switch Disconnecter IP66 10A 500V ac 3 Pole Chemical Resistant Orange	1
BUSW320RO <i>*Clipsal 56SW320-RO</i>	Switch Disconnecter IP66 20A 500V ac 3 Pole Chemical Resistant Orange	1
BUSW332RO <i>*Clipsal 56SW332-RO</i>	Switch Disconnecter IP66 32A 500V ac 3 Pole Chemical Resistant Orange	1
BUSW363RO <i>*Clipsal 56SW-363-RO</i>	Switch Disconnecter IP66 63A 500V ac 3 Pole Chemical Resistant Orange	1
BU4DINRO <i>*Clipsal 56CB4N-RO</i>	Enclosure DIN 4 Pole IP66 Chemical Resistant Orange	1
BUL1RO <i>*Clipsal 56L1-RO</i>	Lid for 1 Gang Enclosures Chemical Resistant Orange	1
BUL2RO <i>*Clipsal 56L2-RO</i>	Lid for 2 Gang Enclosures Chemical Resistant Orange	1
BUBB1GSRO <i>*Clipsal</i>	Enclosure Back Box Shallow 1 Gang with 25mm and 2 x 20mm Entries Chemical Resistant Orange	1
BUBB2GSRO <i>*Clipsal</i>	Enclosure Back Box Shallow 2 Gang with 25mm and 2 x 20mm Entries Chemical Resistant Orange	1
BUBB4GRO <i>*Clipsal 56E4-RO</i>	Enclosure Back Box 4 Gang with 2 x 32mm & 2 x 25mm Entries Chemical Resistant Orange	1

"Less Enclosure" (Back Box) versions available by request. Contact Customer Service on 1300 301 838



Data Spec
Sheets



Web link to
full range

Chemical Resistant GREY		Qty Per Box
BUC310RW <i>*Clipsal 56C310-RW</i>	Combination Switched Socket IP66 10A 250V ac 3 Flat Pin Chemical Resistant White	1
BUC315RW <i>*Clipsal 56C315-RW</i>	Combination Switched Socket IP66 15A 250V ac 3 Flat Pin Chemical Resistant White	1
BUC320FRW <i>*Clipsal 56C320F-RW</i>	Combination Switched Socket IP66 20A 250V ac 3 Flat Pin Chemical Resistant White	1
BUC320RW <i>*Clipsal 56C320-RW</i>	Combination Switched Socket IP66 20A 250V ac 3 Round Pin Chemical Resistant White	1
BUC332RW <i>*Clipsal 56C332-RW</i>	Combination Switched Socket IP66 32A 250V ac 3 Round Pin Chemical Resistant White	1
BUC410RW <i>*Clipsal 56C410-RW</i>	Combination Switched Socket IP66 10A 500V ac 4 Pin Chemical Resistant White	1
BUC420RW <i>*Clipsal 56C420-RW</i>	Combination Switched Socket IP66 20A 500V ac 4 Pin Chemical Resistant White	1
BUC432RW <i>*Clipsal 56C432-RW</i>	Combination Switched Socket IP66 32A 500V ac 4 Pin Chemical Resistant White	1
BUC440RW <i>*Clipsal 56C440-RW</i>	Combination Switched Socket IP66 40A 500V ac 4 Pin Chemical Resistant White	1
BUC450RW <i>*Clipsal 56C450-RW</i>	Combination Switched Socket IP66 50A 500V ac 4 Pin Chemical Resistant White	1
BUC510RW <i>*Clipsal 56C510-RW</i>	Combination Switched Socket IP66 10A 500V ac 5 Pin Chemical Resistant White	1
BUC520RW <i>*Clipsal 56C520-RW</i>	Combination Switched Socket IP66 20A 500V ac 5 Pin Chemical Resistant White	1
BUC532RW <i>*Clipsal 56C532-RW</i>	Combination Switched Socket IP66 32A 500V ac 5 Pin Chemical Resistant White	1
BUC540RW <i>*Clipsal 56C540-RW</i>	Combination Switched Socket IP66 40A 500V ac 5 Pin Chemical Resistant White	1
BUC550RW <i>*Clipsal 56C550-RW</i>	Combination Switched Socket IP66 50A 500V ac 5 Pin Chemical Resistant White	1
BUSW210RW <i>*Clipsal 56SW210/2-RW</i>	Switch Disconnecter IP66 10A 500V ac 2 Pole Chemical Resistant White	1
BUSW220RW <i>*Clipsal 56SW220-RW</i>	Switch Disconnecter IP66 20A 500V 2 Pole ac Chemical Resistant White	1
BUSW232RW <i>*Clipsal 56SW232/2-RW</i>	Switch Disconnecter IP66 32A 500V ac 2 Pole Chemical Resistant White	1
BUSW310RW <i>*Clipsal 56SW310-CG</i>	Switch Disconnecter IP66 10A 500V ac 3 Pole Chemical Resistant White	1
BUSW320RW <i>*Clipsal 56SW320-CG</i>	Switch Disconnecter IP66 20A 500V ac 3 Pole Chemical Resistant White	1
BUSW332RW <i>*Clipsal 56SW332-CG</i>	Switch Disconnecter IP66 32A 500V ac 3 Pole Chemical Resistant White	1
BUSW363RW <i>*Clipsal 56SW363-RW</i>	Switch Disconnecter IP66 63A 500V ac 3 Pole Chemical Resistant White	1
BU4DINRW <i>*Clipsal 56CB4N-RW</i>	Enclosure DIN 4 Pole IP66 Chemical Resistant White	1
BUL1RW <i>*Clipsal 56L1-RW</i>	Lid for 1 Gang Enclosures Chemical Resistant White	1
BUL2RW <i>*Clipsal 56L2-RW</i>	Lid for 2 Gang Enclosures Chemical Resistant White	1
BUBB1GSRW <i>*Clipsal</i>	Enclosure Back Box Shallow 1 Gang with 25mm and 2 x 20mm Entries Chemical Resistant White	1
BUBB2GSRW <i>*Clipsal</i>	Enclosure Back Box Shallow 2 Gang with 25mm and 2 x 20mm Entries Chemical Resistant White	1
BUBB4GRW <i>*Clipsal 56E2-RW</i>	Enclosure Back Box 4 Gang with 2 x 32mm & 2 x 25mm Entries Chemical Resistant White	1

"Less Enclosure" (Back Box) versions available by request. Contact Customer Service on 1300 301 838

Protection Rating Reference Chart (IP Code AS 60529)

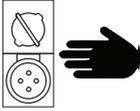
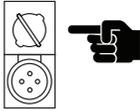
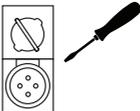
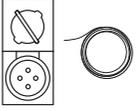
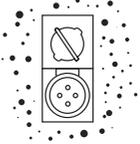
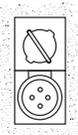
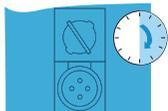
IP stands for Ingress Protection and is formed with two numbers: IPXX.

The two numbers refer to two levels of protection.

IPXX

The first digit shows the level of protection against **solid** objects.

The second digit shows the level of protection against **liquids**

Solids		Liquids	
1		1	
	Protected against a solid object greater than 50mm such as a hand		Protected against vertically falling drops of water. Limited ingress permitted
2		2	
	Protected against a solid object greater than 12.5mm such as a finger		Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted
3		3	
	Protected against a solid object greater than 2.5mm such as a screwdriver		Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes
4		4	
	Protected against a solid object greater than 1mm such as a wire		Protected against water splashed from all directions. Limited ingress permitted
5		5	
	Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours		Protected against jets of water. Limited ingress permitted
6		6	
	Dust tight. No ingress of dust. Two to eight hours		Water from heavy seas or water projects in powerful jets shall not enter the enclosure in harmful quantities
		7	
			Protection against the effects of immersion in water between 15cm and 1m for 30 minutes
		8	
			Protection against the effects of immersion in water under pressure for long periods

Buffalo Chemical Resistance Chart

At Trader we have reconfigured the Buffalo range to align with common industry practices for the application of the grey polycarbonate front covers for switches, sockets and appliance inlets with PVC back boxes to mount various applications.

Additionally plugs and extension sockets are supplied in combined transparent and orange polycarbonate materials, with transparent sections specifically provided to enable simplified viewing of internal cable connections or pin arrangements. Cord entries on both plugs & extension sockets are made with durable nylon options. Now Resistant Orange and Grey have been included to suit other environmental conditions.

All fixing screws, springs and pins exposed to the elements being produced from 304 grade stainless steel help to provide long term weather-ability and performance in many environments.

The Buffalo range is on par with many industrial products in the market and plugs and sockets are fully interchangeable and will perform in a broad range of environment. Please review the chemical performance chart for more detail and contact us with any queries.

Excellent	Recommended no adverse effects after extended exposure
Good	Acceptable with minimal mechanical property loss from extended exposure
Fair	Loss of mechanical property from extended exposure
Not Suitable	Not recommended for use due to poor performance and significant mechanical property loss

Product Type		Enclosures (Back boxes) (PVC)		Housings for Switches, Sockets, Plugs and Appliance Inlets, as well as exposed aspects such as flaps, knobs, lock rings and latches (Polycarbonate)				
Product Colour		Back box all Colours		Grey, Transparent and Orange (plugs)		Chemical Orange	Chemical White	Chemical Grey
Acids								
Weak Solutions	Hydrochloric 10%	Excellent		Excellent		Excellent	Excellent	Excellent
	Nitric 10%	Excellent		Excellent		Excellent	Excellent	Excellent
Concentrate	Sulphuric 100%	Excellent		Not Suitable		Not Suitable	Not Suitable	Not Suitable
Alkalis								
Weak Solutions	Sodium Hydroxide 10% (Caustic Soda)	Excellent		Not Suitable		Good	Good	Excellent
Concentrate	Potassium Hydroxide 100%	Excellent	Good	Not Suitable		Not Suitable	Not Suitable	Excellent
Automotive								
	Petroleum	Excellent		Not Suitable		Excellent	Excellent	Not Suitable
	Lubrication Oils	Excellent		Not Suitable		Excellent	Excellent	Fair
	Hydraulic Oil	Excellent		Not Suitable		Excellent	Excellent	Fair
Solvents								
Aliphatic Hydrocarbons (Alkanes)	Methane	Good		Excellent		Excellent	Excellent	
	Propane	Excellent		Excellent		Excellent	Excellent	
Alcohols	Ethylene Glycol	Excellent		Excellent		Excellent	Excellent	
	Glycerol (Glycerin)	Excellent		Fair		Good	Good	Excellent
	Methyl Alcohol (Methanol)	Excellent		Not Suitable		Good	Good	Not Suitable
	Ethyl Alcohol (Ethanol)	Excellent		Excellent		Excellent	Excellent	Not Suitable
Amines	Aniline	Not Suitable		Not Suitable		Not Suitable	Not Suitable	
Aromatic Hydrocarbons	Methylbenzene	Not Suitable		Not Suitable		Good	Good	Fair
	Xylene	Not Suitable		Not Suitable		Good	Good	Fair
Ethers	Dimethyl Ethyl	Excellent		Excellent		Excellent	Excellent	
Ketones	Acetone	Excellent		Not Suitable		Fair	Fair	Not Suitable
	Acetophenone	Not Suitable		Not Suitable		Fair	Fair	Not Suitable
	Ethyl Methyl Ketone	Not Suitable		Not Suitable		Fair	Fair	Not Suitable
Miscellaneous								
	Detergent	Excellent		Excellent		Excellent	Excellent	
Inorganic Salts	Magnesium Sulphate	Excellent		Excellent		Excellent	Excellent	
Oxidising Agents								
Weak Solution	Sodium Hypochlorite 5%	Excellent		Excellent		Excellent	Excellent	Excellent
Strong Solution	Hydrogen Peroxide 30%	Excellent		Excellent		Excellent	Excellent	Excellent
Water								
	Ambient	Excellent		Excellent		Excellent	Excellent	Excellent
	Heated >60°C	Fair		Excellent		Good	Good	Fair
	Steam	Not Suitable		Not Suitable		Not Suitable	Not Suitable	Not Suitable

ALTERNATIVES CROSS REFERENCE CHARTS

TRADER	*Clipsal	^NHP
Buffalo		
BU4DINKIT	56DINASS	
BU4DINLE	56CB4-GY	
BU4DINLEDLE	56CB4N-GY	ISORCDNPG
BUAI310	56AI310-GY	ISOAI310PG
BUAI310LE	56AI310LE-GY	ISOAI310PGLB
BUAI315	56AI315-GY	ISOAI315PG
BUAI315LE	56AI315LE-GY	ISOAI315PGLB
BUAI320	56AI320-GY	ISOAI320PG
BUAI332	56AI332-GY	ISOAI332PG
BUAI410	56AI410-GY	ISOAI410PG
BUAI420	56AI420-GY	ISOAI420PG
BUAI432	56AI432-GY	ISOAI432PG
BUAI440	56AI440-GY	ISOAI440PG
BUAI450	56AI450-GY	ISOAI450PG
BUAI510	56AI510-GY	ISOAI510PG
BUAI520	56AI520-GY	ISOAI520PG
BUAI532	56AI532-GY	ISOAI532PG
BUAI540	56AI540-GY	ISOAI540PG
BUAI550	56AI550-GY	ISOAI550PG
BUBB1G	56E1-GY	ISOBB1G
BUBB1GS	56E51-GY	ISOBBS1G
BUBB1GD	Nil	Nil
BUBB2G	56E2-GY	ISOBB2G
BUBB2GS	56E52-GY	ISOBBS2G
BUBB2GD	56E2D-GY	ISOBB2EDG
BUBB3G	56E3-GY	ISOBB3G
BUBB4G	56E4-GY	ISOBB4G
BUBB6G	56E6-GY	ISOBB6G
BUBRIDGE	56B-BK	
BUCAP9	9-GY	
BUEXS0310	56CSC310-E0	ISOEX310P
BUEXS0315	56CSC315-E0	ISOEX315P
BUEXS0320	56CSC320-E0	ISOEX320P
BUEXS0332	56CSC332-E0	ISOEX332P
BUEXS0410	56CSC410-E0	ISOEX410P
BUEXS0420	56CSC420-E0	ISOEX420P
BUEXS0432	56CSC432-E0	ISOEX432P
BUEXS0440	56CSC440-E0	ISOEX440P
BUEXS0450	56CSC450-E0	ISOEX450P
BUEXS0510	56CSC510-E0	ISOEX510P
BUEXS0520	56CSC520-E0	ISOEX520P
BUEXS0532	56CSC532-E0	ISOEX532P
BUEXS0540	56CSC540-E0	ISOEX540P
BUEXS0550	56CSC550-E0	ISOEX550P
BUL1	56L1-GY	ISOBBL1G
BUL2	56L2-GY	ISOBBL2G
BUP310	56P310-E0	
BUP310L	56P310SL-E0	
BUP315	56P315-E0	ISOPS315P
BUP320	56P320-E0	ISOPS320P
BUP320F	56P320F	ISOPS320FP
BUP332	56P332-E0	ISOPS332P
BUP410	56P410-E0	ISOPS410P
BUP420	56P420-E0	ISOPS420P
BUP432	56P432-E0	ISOPS432P
BUP440	56P440-E0	ISOPS432P
BUP450	56P450-E0	ISOPS432P
BUP510	56P510-E0	ISOPS510P
BUP520	56P520-E0	ISOPS520P
BUP532	56P532-E0	ISOPS532P

TRADER	*Clipsal	^NHP
Buffalo		
BUP540	56P540-E0	ISOPS540P
BUP550	56P550-E0	ISOPS550P
BUPA320	56PA320-E0	N/A
BUPA332	56PA332-E0	
BUPA410	56PA410-E0	N/A
BUPA420	56PA420-E0	ISOPA420P
BUPA432	56PA432-E0	ISOPA432P
BUPA440	56PA440-E0	ISOPA440P
BUPA450	56PA450-E0	ISOPA450P
BUPA510	56PA510-E0	N/A
BUPA520	56PA520-E0	ISOPA520P
BUPA532	56PA532-E0	ISOPA532P
BUPA540	56PA540-E0	ISOPA540P
BUPA550	56PA550	ISOPA550P
BUSB13	56SB13-GY	
BUC310	56C310-GY	ISOC310PG
BUC310L	56C310L-GY	ISOC310LPG
BUC310LE	56C310LE-GY	
BUC315	56C315-GY	ISOC315PG
BUC315LE	56C315LE-GY	
BUC320	56C320-GY	ISOC320PG
BUC320LE	56C320LE-GY	
BUC320F	56C320F-GY	ISOC320FPG
BUC320FLE	56C320FLE-GY	
BUC332	56C332-GY	ISOC332PG
BUC332LE	56C332LE-GY	
BUC410	56C410-GY	ISOC410PG
BUC410LE	56C410LE-GY	
BUC420	56C420-GY	ISOC420PG
BUC420LE	56C420LE-GY	
BUC432	56C432-GY	ISOC432PG
BUC432LE	56C432LE-GY	
BUC440	56C440-GY	ISOC440PG
BUC440LE	56C440LE-GY	
BUC450	56C450-GY	ISOC450PG
BUC450LE	56C450LE-GY	
BUC510	56C510-GY	ISOC510PG
BUC510LE	56C510LE-GY	
BUC520	56C520-GY	ISOC520PG
BUC520LE	56C520LE-GY	
BUC532	56C532-GY	ISOC532PG
BUC532LE	56C532LE-GY	
BUC540	56C540-GY	ISOC540PG
BUC540LE	56C540LE-GY	
BUC550	56C550-GY	ISOC550PG
BUC550LE	56C550LE-GY	
BUJB1	56JB1-GY	
BUJB2	56JB2-GY	
BUS0215P32	56S0215/32-GY	
BUS0215P32LE	56S0215/32LE-GY	
BUS0310	56S0310-GY	ISOS0310PG
BUS0310L	56S0310L-GY	ISOS0310LPG
BUS0310LE	56S0310LE-GY	ISOS0310PGLB
BUS0310LLE	56S0310LLE-GY	ISOS0310LPGLB
BUS0315	56S0315-GY	ISOS0315PG
BUS0315LE	56S0315LE-GY	ISOS0315PGLB
BUS0320	56S0320-GY	ISOS0320PG
BUS0320F	56S0320F-GY	ISOS0320FPG
BUS0320LE	56S0320LE-GY	ISOS0320PGLB
BUS0332	56S0332-GY	ISOS0332PG
BUS0332LE	56S0332LE-GY	ISOS0332PGLB
BUS0410	56S0410-GY	ISOS0410PG

TRADER	*Clipsal	^NHP
Buffalo		
BUS0410LE	56S0410LE-GY	ISOS0410PGLB
BUS0420	56S0420-GY	ISOS0420PG
BUS0420LE	56S0420LE-GY	ISOS0420PGLB
BUS0432	56S0432-GY	ISOS0432PG
BUS0432LE	56S0432LE-GY	ISOS0432PGLB
BUS0440	56S0440-GY	ISOS0440PG
BUS0440LE	56S0440LE-GY	ISOS0440PGLB
BUS0450	56S0450-GY	ISOS0450PG
BUS0450LE	56S0450LE-GY	ISOS0450PGLB
BUS0510	56S0510-GY	ISOS0510PG
BUS0510LE	56S0510LE-GY	ISOS0510PGLB
BUS0520	56S0520-GY	ISOS0520PG
BUS0520LE	56S0520LE-GY	ISOS0520PGLB
BUS0532	56S0532-GY	ISOS0532PG
BUS0532LE	56S0532LE-GY	ISOS0532PGLB
BUS0540	56S0540-GY	ISOS0540PG
BUS0540LE	56S0540LE-GY	ISOS0540PGLB
BUS0550	56S0550-GY	ISOS0540PG
BUS0550LE	56S0550LE-GY	ISOS0550PGLB
BUS0AU310	56S0310A-GY	N/A
BUS0AU310LE	56S0310ALE-GY	
BUS0AU315	56S0315A-GY	N/A
BUS0AU315LE	56S0315ALE-GY	
BUSPOK	56SPOK	ISOPKBB
BUSW210	56SW210-GY	ISOSW110PG
BUSW210LE	56SW210LE-GY	ISOSW110PGLB
BUSW220	56SW220-GY	ISOSW120PG
BUSW220C0	56SW220C0-GY	
BUSW220C0LE	56SW220C0LE-GY	
BUSW220LE	56SW120LE-GY	ISOSW120PGLB
BUSW232	56SW232-GY	ISOSW132PG
BUSW232LE	56SW232LE-GY	ISOSW132PGLB
BUSW310	56SW310-GY	ISOSW310PG
BUSW310LE	56SW310LE-GY	ISOSW310PGLB
BUSW320	56SW320-GY	ISOSW320PG
BUSW320LE	56SW320LE-GY	ISOSW320PGLB
BUSW320R	56SW320R-GY	
BUSW320RLE	56SW320RLE-GY	
BUSW332	56SW332-GY	ISOSW332PG
BUSW332LE	56SW332LE-GY	ISOSW332PGLB
BUSW363	56SW363-GY	N/A
BUSW363LE	56SW363LE-GY	N/A
BUSW220LE	56SW120LE-GY	ISOSW120PGLB
BUSW232	56SW232-GY	ISOSW132PG
BUSW232LE	56SW232LE-GY	ISOSW132PGLB
BUSW310	56SW310-GY	ISOSW310PG
BUSW310LE	56SW310LE-GY	ISOSW310PGLB
BUSW320	56SW320-GY	ISOSW320PG
BUSW320LE	56SW320LE-GY	ISOSW320PGLB
BUSW320R	56SW320R-GY	
BUSW320RLE	56SW320RLE-GY	
BUSW332	56SW332-GY	ISOSW332PG
BUSW332LE	56SW332LE-GY	ISOSW332PGLB
BUSW363	56SW363-GY	N/A
BUSW363LE	56SW363LE-GY	N/A
BUSW420LE	56SW420LE	ISOSW420PGLB
BUSW420	56SW420	ISOSW420PGLB
BUSW432LE	56SW432LE	ISOSW432PGLB
BUSW432	56SW432	ISOSW432PGLB
BUSW463	56SWHS463	
BUBRIDGE	56B-BK	
BUBRIDGED	56DV-BK	ISOBBDIVIDER

ALTERNATIVES CROSS REFERENCE CHARTS

BUFFALO RESISTANT GREY

TRADER	*Clipsal	^NHP
Buffalo		
BUC310RG	56C310-CG	-
BUC315RG	56C315-CG	-
BUC320FRG	56C320F-CG	-
BUC320RG	56C320-CG	-
BUC332RG	56C332-CG	-
BUC410RG	56C410-CG	-
BUC420RG	56C420-CG	-
BUC432RG	56C420-CG	-
BUC440RG	56C440-CG	-
BUC450RG	56C450-CG	-
BUC510RG	56C510-CG	-
BUC520RG	56C520-CG	-
BUC532RG	56C532-CG	-
BUC540RG	56C540-CG	-
BUC550RG	56C550-CG	-
BUL1RG	56L1-CG	-
BUL2RG	56L2-CG	-
BUBB1GSRG	-	-
BUBB2GSRG	-	-
BUBB4GRG	-	-
BU4DINRG	56CB4N-CG	-
BUSW210RG	56SW210/2-CG	-
BUSW220RG	56SW220-CG	-
BUSW232RG	56SW232/2-CG	-
BUSW310RG	56SW310-CG	-
BUSW320RG	56SW320-CG	-
BUSW332RG	56SW332-CG	-
BUSW363RG	56SW363-CG	-

BUFFALO RESISTANT ORANGE

TRADER	*Clipsal	^NHP
Buffalo		
BUC310RO	56C310-RO	ISOC310PRO
BUC315RO	56C315-RO	ISOC315PRO
BUC320FRO	56C320F-RO	ISOC320FPRO
BUC320RO	56C320-RO	ISOC320PRO
BUC332RO	56C332-RO	ISOC332PRO
BUC410RO	56C410-RO	ISOC410PRO
BUC420RO	56C420-RO	ISOC420PRO
BUC432RO	56C432-RO	ISOC432PRO
BUC440RO	56C440-RO	ISOC440PRO
BUC450RO	56C450-RO	ISOC450PRO
BUC510RO	56C510-RO	ISOC510PRO
BUC520RO	56C520-RO	ISOC520PRO
BUC532RO	56C532-RO	ISOC532PRO
BUC540RO	56C540-RO	ISOC540PRO
BUC550RO	56C550-RO	ISOC550PRO
BUSW210RO	56SW210/2-RO	ISOSW110PROLB
BUSW220RO	56SW220-RO	ISOSW120PROLB
BUSW232RO	56SW232-RO	ISOSW132PG
BUSW310RO	56SW310-RO	ISOSW310PROLB
BUSW320RO	56SW320-RO	ISOSW320PROLB
BUSW332RO	56SW332-RO	ISOSW332PROLB
BUSW363RO	56SW363-RO	-
BU4DINRO	56CB4N-RO	-
BUL1RO	56L1-RO	ISOBBL1RO
BUL2RO	56L2-RO	ISOBBL2RO
BUBB1GSRO	-	-
BUBB2GSRO	-	-
BUBB4GRO	56E4-RO	ISOBB4RO

BUFFALO RESISTANT WHITE

TRADER	*Clipsal	^NHP
Buffalo		
BUC310RW	56SW310-RW	ISOW310PRWLB & ISOBB1RW
BUC315RW	56SW315-RW	ISOC315PRW
BUC320FRW	56C320F-RW	ISOC320FPRW
BUC320RW	56C320-RW	ISOC320PRW
BUC332RW	56C332-RW	ISOC332PRW
BUC410RW	56C410-RW	ISOC410PRW
BUC420RW	56C420-RW	ISOC420PRW
BUC432RW	56C432-RW	ISOC432PRW
BUC440RW	56C440-RW	ISOC440PRW
BUC450RW	56C450-RW	ISOC450PRW
BUC510RW	56C510-RW	ISOC510PRW
BUC520RW	56C520-RW	ISOC520PRW
BUC532RW	56C532-RW	ISOC532PRW
BUC540RW	56C540-RW	ISOC540PRW
BUC550RW	56C550-RW	ISOC550PRW
BUL1RW	56L1-RW	ISOL1H1RW
BUL2RW	56L2-RW	ISOL1H2RW
BUSW210RW	56SW110-RW	ISOSW110PRWLB
BUSW220RW	56SW120-RW	-
BUSW232RW	-	-
BUSW310RW	56SW310-RW	ISOSW310PRWLB & ISOBB1RW
BUSW320RW	56SW320-RW	ISOSW320PRWLB & ISOBB1RW
BUSW332RW	56SW332-RW	ISOSW332PRWLB & ISOBB1RW
BUSW363RW	56SW363-RW	-
BU4DINRW	56CB4BN-RW	ISORCDNPRW
BUBB1GSRW	56E1-RW	-
BUBB2GSRW	56E2-RW	ISOBB2RW
BUBB4GRW	-	ISOBB4RW



A time manager that withstands the weather

PMBUSW Powermesh Buffalo Switch

Whatever the conditions, wherever you are, you can now create an auto-off timer or schedule all year round, rain or shine. IP66 rated.

Use it to control pool pumps, cattle troughs, irrigation systems and garden lighting.

Time management in a single switch.



Simply pair the PMBUSW up on your phone via the Zimi App and set up an auto-off timer up to 4 hours or a schedule per day or week.

Add the ZCCD Zimi Cloud for remote Wi-Fi access and to create a sunset or sunrise schedule via the Zimi app.



BUFFALO  TM



100 Years of Gerard Electrical Tradition

1300 301 838

service@gsme.com.au

gsme.com.au

