

BUSW210
BUSW220
BUSW232
BUSW310
BUSW320
BUSW332
BUSW363
BUSW420
BUSW432
BUSW463

See current catalogue for further detail

IP66 Heavy Duty Switches / Switch Disconnectors

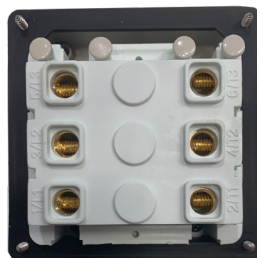


- The Buffalo switches have recently been updated with testing for categorization for Isolation and are now marked for use as switch disconnectors.
- The 10A to 20A models have been certified in accordance with AS/NZS3133 and 10A,20A,32A, and 63A have also been tested complied with IEC and AS 60947-3 with the 32A and 63A models being listed on a certificate of suitability.
- The same heavy duty switches are used in our Combinations are available as individual switches for isolation and control applications.
- Heavy Duty terminals with diameter 7.6mm terminals suitable for 25mm² cable.
- Switch supplied with a large, easy to use knob, suitable for use with heavy industrial gloves. Has a positive, rotary action.
- Switch Knob features two Oval Shape (11 x 9mm) lock off facilities. Suits 9.0mm padlock staple.
- Conduit plugs provided with rubber gaskets to assist IP rating and to aid secure fitment.
- Raised ON/OFF marking to allow visibility in dusty environments.
- Laser etched product marking (no adhesive labels that fall off).
- LED Drill out facility for LED indicators (not supplied).
- Approved to AS/NZS3133 (10A - 20A), AS 60947-3 (Over 32A).(All models tested in accordance and comply with both standards)
- BUSW463 is fitted with a deep enclosure.
- Range includes Double, Three Pole, as well as Four Pole in amperages from 10A up to 63A. See the table for product detail as some configurations vary.
- All models have been tested and comply with AS/NZS 3133 M200 motor rating as shown in the table.
- In addition, the Utilization category of AC23A for motors and highly inductive loads is rated at I_e=10A for the 10A models, I_e=20A for 20A and I_e=32A Models and I_e=50A for 63A.
- Pollution Degree: 2
- Recommended screw torque for corner cover screws 0.6Nm
- Recommended torque for Earth/Neutral fixed terminals 2Nm
- Recommended torque for Switch terminals 2.5Nm

Heavy Duty Switch Terminals



2 Pole



3 Pole



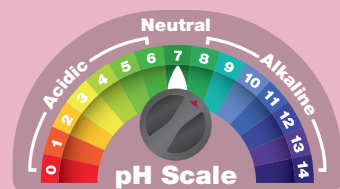
4 Pole

Certification Number:

BUSW110, BUSW210, BUSW120, BUSW220,
 BUSW310, BUSW320: SAA-212017-EA
 BUSW232, BUSW332, BUSW340, BUSW350, BUSW363: SAA212342

GSM Electrical (Australia) Pty Ltd

5-9 Rundle Street, Kent Town SA 5067
 P: 1300 301 838 | E: service@gsm.com.au
 www.gsm.com.au



Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

PAGE 1 of 2



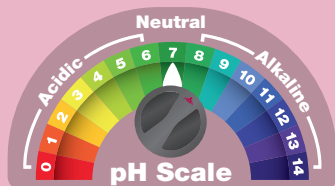
BUSW210
BUSW220
BUSW232
BUSW310
BUSW320
BUSW332
BUSW363
BUSW420
BUSW432
BUSW463

See current catalogue for further detail

IP66 Heavy Duty Switches / Switch Disconnectors

Configuration (Ratings to IEC60947-3/AS 60947-3 and AS/NZS 3133)		Cat No.	Rated Thermal Current Ith	AC23A Rating (Ue:500V~) (Ie=(A))	Motor M Rating (A)	Minimum Conductor Size (mm ²)	Maximum Conductor Size (mm ²)	Symbol
2 Pole	Rated Operational Voltage Ue (50Hz):500V~ Rated Insulation Voltage Ui (~50Hz):690V Rated Short Time Withstand Icw: 1.26kA/1s Rated impulse withstand voltage Uimp (kV): 4.0kV Rated short circuit making capacity Icm (28.4Ie): 1.789kA Uninterrupted Duty	BUSW210	10	10	200	2.5	16	
		BUSW220	20	20	200	2.5	16	
		BUSW232	32	32	200	6	16	
3 Pole	Rated Operational Voltage Ue (50Hz):500V~ Rated Insulation Voltage Ui (~50Hz):690V Rated Short Time Withstand Icw: 1.26kA/1s Rated impulse withstand voltage Uimp (kV): 4.0kV Rated short circuit making capacity Icm (28.4Ie): 1.789kA Uninterrupted Duty	BUSW310	10	10	200	2.5	16	
		BUSW320	20	20	200	2.5	16	
		BUSW332	32	32	200	6	16	
		BUSW363	63	50	200	16	25	
4 Pole	Rated Operational Voltage Ue (50Hz):500V~ Rated Insulation Voltage Ui (~50Hz):690V Rated Short Time Withstand Icw: 1.26kA/1s Rated impulse withstand voltage Uimp (kV): 4.0kV Rated short circuit making capacity Icm (28.4Ie): 1.789kA Uninterrupted Duty	BUSW420	20	20	200	2.5	16	
		BUSW432	32	32	200	6	16	
		BUSW463	63	50	200	16	25	

When ordering LESS ENCLOSURE add "LE" at end of catalogue number, ie "BUSW210LE"



Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

PAGE 2 of 2

