

BUSW110*

BUSW120*

BUSW132*

BUSW210

BUSW220

BUSW232

BUSW310

BUSW320

BUSW332

BUSW350^

BUSW363

BUSW420

BUSW432

BUSW463

BUSW110LE*

BUSW120LE*

BUSW132LE*

BUSW210LE

BUSW220LE

BUSW232LE

BUSW310LE

BUSW320LE

BUSW332LE

BUSW350LE^

BUSW363LE

BUSW420LE

BUSW432LE

BUSW463LE

* Products being phased out and being superseded by 2 pole versions.

^BUSW350 Series to be phased out, alternative is BUSW363 Series.

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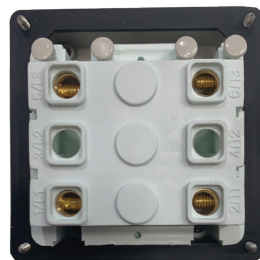


IP66 Heavy Duty Switches / Switch Disconnectors

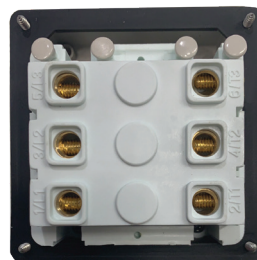
- The Buffalo switches have recently been updated with testing for categorization for Isolation and are now marked for use as switch disconnectors.
- The 10A to 20A models have been certified in accordance with AS/NZS3133 and 10A,20A,32A, and 63A have also been tested complied with IEC and AS 60947-3 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 Single*, 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 Ie=10A for the 10A models, Ie=20A for 20A and 32A Models and Ie=25A 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



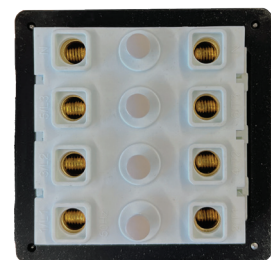
Heavy Duty Switch Terminals



2 Pole



3 Pole



4 Pole

Certification Number:

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

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Data Specification Sheet
September 2023

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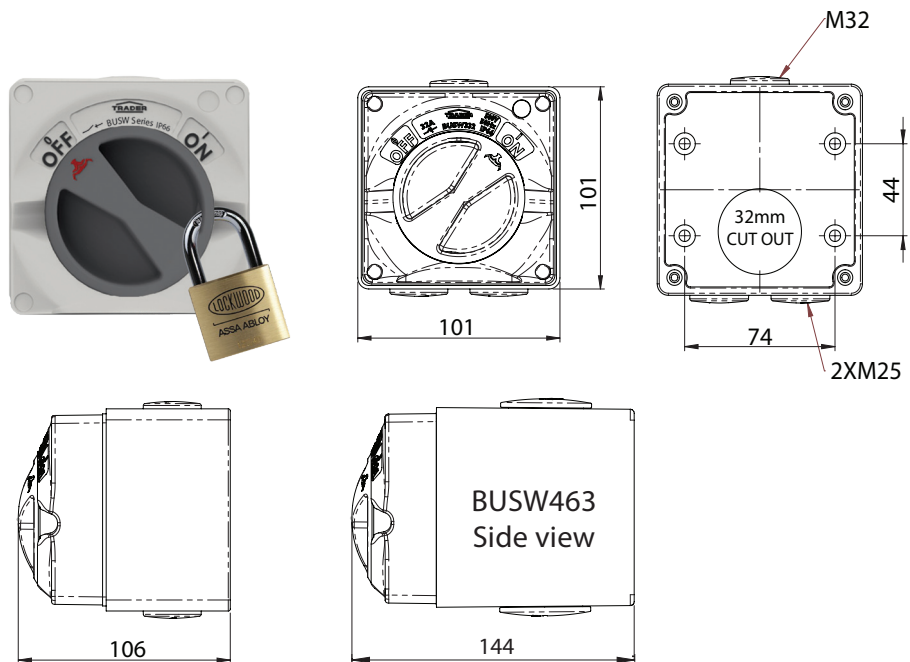
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IP66 Heavy Duty Switches / Switch Disconnectors

Configuration (Ratings to IEC60947-3/AS 60947-3 and AS/NZS 3133)	Cat No.	Rated Thermal Current I _{th}	AC23 Rating (U _e :500V~) (I _e =A)	Motor M Rating (A)	Minimum Conductor Size (mm ²)	Maximum Conductor Size (mm ²)	Symbol
1 Pole Rated performance tested in accordance with AS/NZS 3133 for these models at 250V~.	BUSW110*	10		100	1.5	6	
	BUSW120*	20		150	2.5	16	
	BUSW132*	32		180	6	16	
2 Pole Rated Operational Voltage U _e (50Hz):500V~ Rated Insulation Voltage U _i (~50Hz):690V Rated Short Time Withstand I _{cw} : 1.26kA/1s Rated impulse withstand voltage U _{imp} (kV): 4.0kV Rated short circuit making capacity I _{cm} (28.4I _e): 1.789kA Uninterrupted Duty	BUSW210	10	10	200	2.5	16	
	BUSW220	20	20	200	2.5	16	
	BUSW232	32	20	200	6	16	
3 Pole Rated Operational Voltage U _e (50Hz):500V~ Rated Insulation Voltage U _i (~50Hz):690V Rated Short Time Withstand I _{cw} : 1.26kA/1s Rated impulse withstand voltage U _{imp} (kV): 4.0kV Rated short circuit making capacity I _{cm} (28.4I _e): 1.789kA Uninterrupted Duty	BUSW310	10	10	200	2.5	16	
	BUSW320	20	20	200	2.5	16	
	BUSW332	32	20	200	6	16	
	BUSW350^	50		250	10	25	
4 Pole Rated Operational Voltage U _e (50Hz):500V~ Rated Insulation Voltage U _i (~50Hz):690V Rated Short Time Withstand I _{cw} : 1.26kA/1s Rated impulse withstand voltage U _{imp} (kV): 4.0kV Rated short circuit making capacity I _{cm} (28.4I _e): 1.789kA Uninterrupted Duty	BUSW420	20	20	200	2.5	16	
	BUSW432	32	20	200	6	16	
	BUSW463	63	25	200	16	25	

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



Certification Number:

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

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