

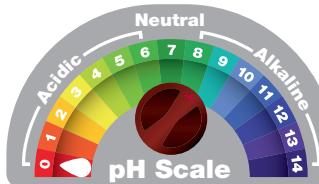
BUSW210RO
BUSW220RO
BUSW232RO
BUSW310RO
BUSW320RO
BUSW332RO
BUSW363RO

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)
- Range includes Double and Three Pole. 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.
- Chemical Resistant Orange for Acid Applications
- 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, Ie=32 for 32A Models and Ie=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

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Heavy Duty Switch Terminals



2 Pole



3 Pole

Certification Number:

BUSW220RO, BUSW310RO, BUSW320RO: GMA-519971
BUSW232RO, BUSW332RO, BUSW340RO, BUSW363RO: GMA-520240

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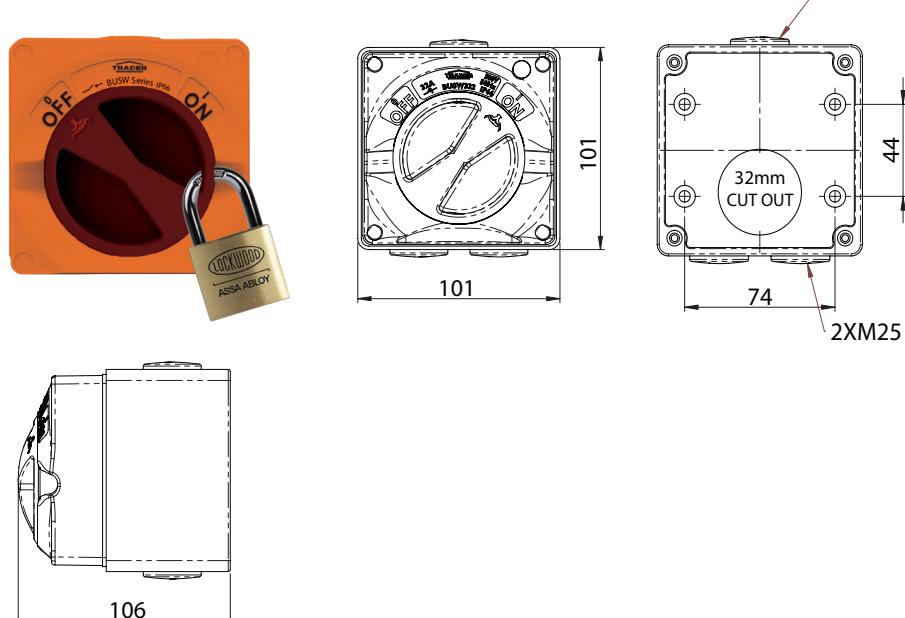
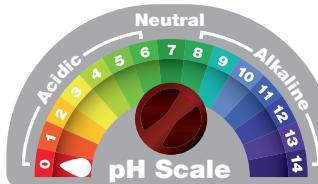


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Configuration (Ratings to IEC60947-3/AS 60947-3 and AS/NZS 3133)		Cat No.	Rated Thermal Current I_{th}	AC23 Rating (Ue:500V~) (Ie=(A))	Motor M Rating (A)	Minimum Conductor Size (mm ²)	Maximum Conductor Size (mm ²)	Symbol
2 Pole	Rated Operational Voltage 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 (28.4le): 1.789kA Uninterrupted Duty	BUSW210RO	10	10	200	2.5	16	
	BUSW220RO	20	20	200	2.5	16		
	BUSW232RO	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 (28.4le): 1.789kA Uninterrupted Duty	BUSW310RO	10	10	200	2.5	16	
	BUSW320RO	20	20	200	2.5	16		
	BUSW332RO	32	32	200	6	16		
	BUSW363RO	63	50	200	16	25		

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Data Specification Sheet
November 2024