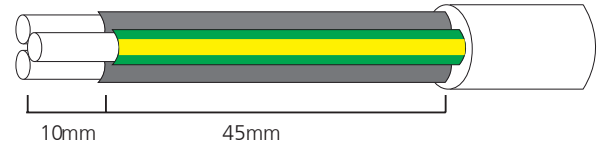


WIRING INSTRUCTION TRADER “BUSW*** SWITCH SERIES”

- 1- Strip flexible cable as shown in FIG.1
- 2- Check Cable use co-ordinates with Min / Max cable size in chart below shown in FIG.2 suitable for associated terminal (Amp rating)
- 3- Place appropriate conductors into socket housing assembly terminals and tighten screws to secure bared conductors and ensure good electrical contact.
- 4- Check Earth cable is connected to E terminal.

Rated insulation voltage: 500V
 Rated impulse withstand voltage: 4kV
 Uninterrupted duty
 Rated short-time withstand current and duration: 1.26kA/1s
 Rated short circuit making capacity: 1.79kA
 Pollution degree: 3

FIG.1 CABLE STRIPPING DETAIL



Switches available in standard grey, chemical resistant orange (RO) and white for acidic (RW) and chemical resistant grey for alkaline (RG).

For Key Switch variations, the basic part number e.g. BUSW220 is followed by a K1 (lock off) or K2 (lock on or off), but the current rating shown for the generic switch model determines the cable size to be followed in the table FIG. 2.

FIG.2 CABLE / AMP / TERMINAL SELECTION

Part No.	Description	Volts	Amps	Poles	Min	Max (mm ²)
BUSW110	Switch	250V~	10A	1 Pole	1.5	6
BUSW120	Switch	250V~	20A	1 Pole	2.5	16
BUSW132	Switch	250V~	32A	1 Pole	6	16
BUSW210	Switch	500V~	10A	2 Pole	2.5	6
BUSW220	Switch	500V~	20A	2 Pole	2.5	6
BUSW232	Switch	500V~	32A	2 Pole	6	16
BUSW310	Switch	500V~	10A	2 Pole	2.5	16
BUSW320	Switch	500V~	20A	3 Pole	2.5	16
BUSW332	Switch	500V~	32A	3 Pole	6	16
BUSW350	Switch	500V~	50A	3 Pole	10	25
BUSW363	Switch	500V~	63A	3 Pole	16	25
BUSW410	Switch	500V~	10A	4 Pole	2.5	16
BUSW420	Switch	500V~	20A	4 Pole	2.5	16
BUSW432	Switch	500V~	32A	4 Pole	6	16
BUSW450	Switch	500V~	50A	4 Pole	10	25
BUSW463	Switch	500V~	63A	4 Pole	16	25

IMPORTANT

1. Entries in enclosure must be machined with hole saw or similar.
2. When mounting, caps must be glued into bosses to ensure IP rating is maintained.
3. Recommended tightening torque of cover 0.5Nm. If exceeded, IP rating may be void.
4. To ensure IP rating, conduit should be sealed using suitable sealant, e.g. PVC glue or waterproof silicon.
5. Tightening of terminal screws by battery drill, without the appropriate torque setting is not recommended.

