TRADER BISON™

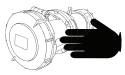
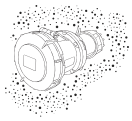
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Technical Information Common to Bison Heavy Duty Industrial Range in accordance with international standard IEC 60309 and AS/NZS 60309

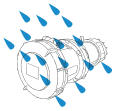
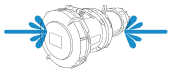
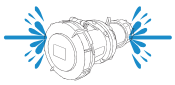
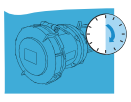
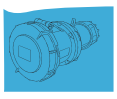
Protection Rating Reference Chart (IP Code AS 60529)

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
Combination sockets feature a clear dustproof & hoseproof flap allowing simple viewing of sockets.
Part bag contains twin screwed connector.

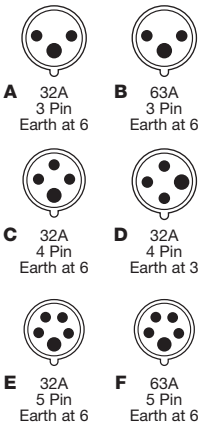
Solids

1		Protected against a solid object greater than 50mm such as a hand
2		Protected against a solid object greater than 12.5mm such as a finger
3		Protected against a solid object greater than 2.5mm such as a screwdriver
4		Protected against a solid object greater than 1mm such as a wire
5		Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours
6		Dust tight. No ingress of dust. Two to eight hours

Liquids

1		Protected against vertically falling drops of water. Limited ingress permitted
2		Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted
3		Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes
4		Protected against water splashed from all directions. Limited ingress permitted
5		Protected against jets of water. Limited ingress permitted
6		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
9		Protection against close-range high pressure, high temperature (85°C) water jets (MAX 10 000 kPa)

Pin Configurations for Bison



A 32A 3 Pin Earth at 6

B 63A 3 Pin Earth at 6

C 32A 4 Pin Earth at 6

D 32A 4 Pin Earth at 3

E 32A 5 Pin Earth at 6

F 63A 5 Pin Earth at 6

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.



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10 Yr Warranty

BIEXSO332H6
BIEXSO363H6
BIEXSO432H3
BIEXSO432H6
BIEXSO532H6
BIEXSO563H6

See current catalogue for further detail

IP67 Extension Socket Range



Trader has introduced a selective range of IP67 extensions sockets in accordance with IEC 60309 and AS/NZS 60309 in the Bison range. The plugs have initially been offered as a solution to interact with fixed sockets in the IEC format offered in several of the TRADER Buffalo range for general use in 6h and refrigerated containers in the 3h format. The Bison range however is much more than just for this purpose and can provide an interactive solution for many other IEC 60309 based products in industry.
The durable structure and hydrant lock provided excellent performance for many applications.

It features easy to assemble and install lock rings, glands and housings making it versatile and robust for industrial use.

As referenced the current offer will be available as IP67 models with the hydrant lock.
There is also a 5 pin (3P +N + E) 63A red models with 6h keyway/earth pin positions for general usage

Cable sizes suited
63A models terminal Diameter 7.1mm for 25mm^2

*Cat No. Extension Sockets	Current Rating (A)	Pin Config	Bison Pin Config Code	Max Terminal Cable Diameter (mm)	Max Terminal Cable Size (mm^2)	Matching Plug Straight / Angled
BIEXSO332H6	32	3	A	7.15	25	BIP332H6
BIEXSO363H6	63	3	B	7.15	25	BIP363H6
BIEXSO432H3	32	4	D	7.15	25	BIP432H3
BIEXSO432H6	32	4	C	7.15	25	BIP432H6
BIEXSO532H6	32	5	E	7.15	25	BIP532H6
BIEXSO563H6	63	5	F	7.15	25	BIP563H6

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).

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BIP332H6
BIP363H6
BIP432H3
BIP432H6
BIP532H6
BIP563H6

See current catalogue for further detail

IP67 Plug Range



Trader has introduced a selective range of IP67 plugs in accordance with IEC 60309 and AS/NZS 60309 in the Bison range. The plugs have initially been offered as a solution to interact with fixed sockets in the IEC format offered in several of the TRADER Buffalo range for general use in 6h and refrigerated containers in the 3h format.
The Bison range however is much more than just for this purpose and can provide an interactive solution for many other IEC 60309 based products in industry.
The durable structure and hydrant lock provided excellent performance for many applications.

It features easy to assemble and install lock rings, glands and housings making it versatile and robust for industrial use. Quick release mechanism for opening on 32A models.

As referenced the current offer will be available as IP67 models with the hydrant lock.

The initial range consists of 4 pin (3P + E) 32A red model with 6h keyway/earth pin positions
for general usage.

There is also a 4 pin (3P + E) 32A red model with 3h keyway/ earth pin position for refrigerated container applications

There is also a 5 pin (3P +N + E) 63A red models with 6h keyway/earth pin positions for general usage

Cable sizes suited

32A models terminal Diameter 5.2mm for 16mm^2

63A models terminal Diameter 7.1mm for 25mm^2

*Cat No. Plugs	Current Rating (A)	Pin Config	Bison Pin Config Code	Max Terminal Cable Diameter (mm)	Max Terminal Cable Size (mm^2)	Matching Extension Socket or Combination
BIP332H6	32	3	A	5.2	16	BIEXSO332H6/ BIC332H6
BIP363H6	63	3	B	5.2	16	BIEXSO363H6/ BIC363H6
BIP432H3	32	4	D	7.15	25	BIEXSO432H3/ BIC432H3
BIP432H6	32	4	C	5.2	16	BIEXSO432H6/ BIC432H6
BIP532H6	32	5	E	5.2	16	BIEXSO532H6/ BIC532H6
BIP563H6	63	5	F	7.15	25	BIEXSO563H6/ BIC563H6

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).

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BIC332H6
BIC363H6
BIC432H3
BIC432H6
BIC532H6
BIC563H6

See current catalogue for further detail

IP67 Combination Switched Sockets



Bison offers an extensive range of IP67 rated Combination Switched Sockets that are available in three-pin 32A (6h Earth), four-pin 32A (3h & 6h Earth) and five-pin 32A (6h Earth) to 63A (6h Earth) designs.

Phase links are factory fitted between switches and sockets.

Colours align with IEC 60309.

Socket combinations are mechanically interlocked and will not switch on without a plug inserted.

Pin & Volt	Cat No.	Current Rating (A)	Pin Config	Pin Config Code (Table 1)	AC21 Rating (A)	AC23A Rating (A)	Minimum Conductor Size (mm)	Maximum Conductor Size (mm²)	Dimensions H* x W x D (mm)
3 Pin 250V~	BIC332H6	32	3 Round	A	32	32	Ø7.5	25	225 x 118 x 162
	BIC363H6	63	3 Round	B	63	63	Ø7.5	25	262 x 162 x 196
4 Pin 500V~	BIC432H3	32	4 Round	D	32	32	Ø7.5	25	225 x 118 x 162
	BIC432H6	32	4 Round	C	32	32	Ø7.5	25	225 x 118 x 162
5 Pin 500V~	BIC532H6	32	5 Round	E	32	32	Ø7.5	25	225 x 118 x 162
	BIC563H6	63	5 Round	F	63	63 (415V) 45A (500V) 32A (690V)	Ø10	35	262 x 162 x 196

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended.

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

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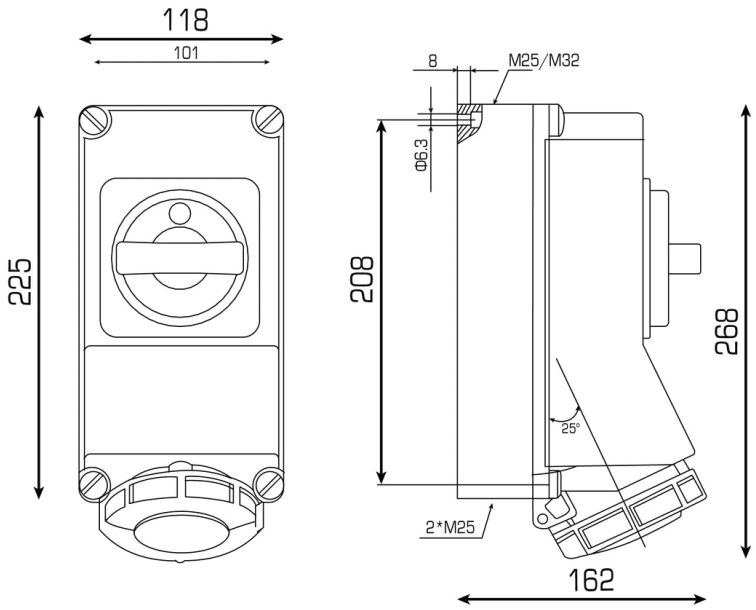
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BIC332H6
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BIC532H6
BIC563H6

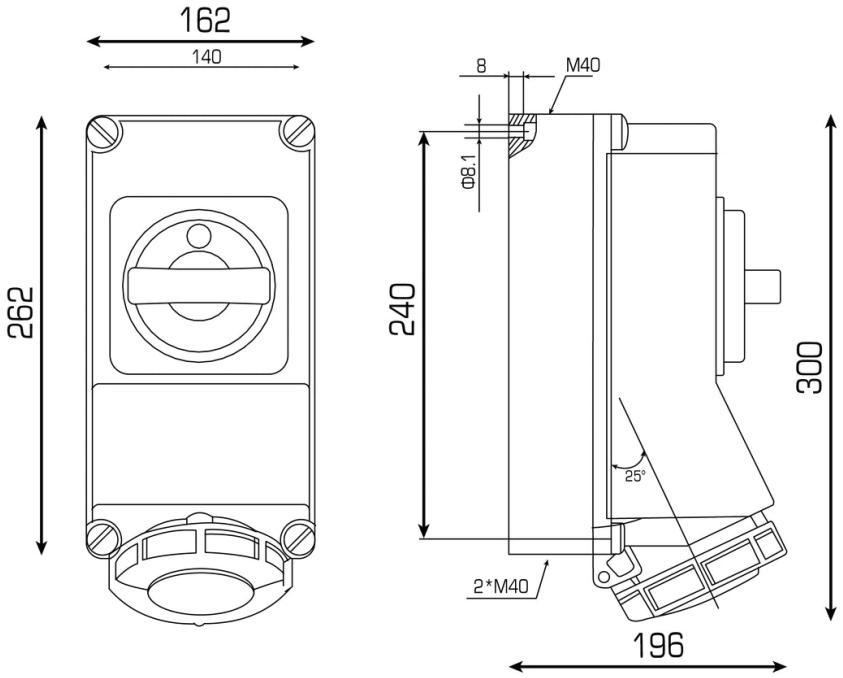
See current catalogue for further detail

IP67 Combination Switched Sockets

3, 4, 5 32A Pin Models



5 Pin 63A Models



Cleaning Guide:

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