

Section 18

Quantum Industrial Switchgear



Information



- Quantum switch and socket combinations feature one-piece construction for fast installation.
- The switch and socket is pre-wired and the unit requires no silicone or bridges to install.
- Modular sizes are based on a size of 90 x 90mm modules.
- Standard size is 2 modules: 180 x 90mm which can be joined to create multiples to any arrangement and retain the IP66 rating.
- Material used is an engineering polymer which produces outstanding chemical resistance and strength.
- AS/NZS 3112 types accept normal 3 pin plugs.
- AS/NZS 3123 types accept round pin plugs.
- Entry is slightly angled eliminating the need for angled plugs.
- The plug has a safety stop which catches under the socket flap, preventing accidental removal and to ensure that plug is fully inserted.
- **For IEC PIN configuration please refer to the Legrand catalogue.**



Pack	Cat No.
1	HB66S0310
1	HB66S0310L
1	HB66S0315
1	HB66S0320

Surface mounting, 240V a.c.
1 module socket only. Blue.

10A AS/NZS 3112 socket outlet, 3 flat pin. Matching plug is HB66P310C

10A AS/NZS 3112 socket outlet, 2 flat pin with round earth pin. Matching plug is HB66P310LC

15A AS/NZS 3112 socket outlet, 3 flat pin. Matching plug is HB66P315C

20A AS/NZS 3112 socket outlet, 3 flat pin. Matching plug is HB66P320C

AS/NZS 3112 flat pin switch & socket combinations, IP66, 240V a.c.



Pack	Cat No.
1	HB66C310
1	HB66C310A
1	HB66C310L
1	HB66C315
1	HB66C315A
1	HB66C320A

Available standard for surface mounting. For flush units (less base) add suffix F to Cat. No. (Indent)
240V a.c. IP66
2 module size. Blue.

10A AS/NZS 3112 combination, 3 flat pin, 1 pole switch, 1.1kW. Matching plug is HB66P310C

10A AS/NZS 3112 combination, 3 flat pin, 2 pole heavy duty switch, 1.1kW. Matching plug is HB66P310C

10A AS/NZS 3112 combination, 3 flat pin with round earth, 1 pole switch, 1.1kW. Matching plug is HB66P310LC

15A AS/NZS 3112 combination, 3 flat pin, 1 pole switch, 1.8kW. Matching plug is HB66P315C

15A AS/NZS 3112 combination, 3 flat pin, 2 pole heavy duty switch, 1.8kW. Matching plug is HB66P315C

20A AS/NZS 3112 combination, 3 flat pin, 2 pole heavy duty switch, 2.2kW. Matching plug is HB66P320C

AS/NZS 3112 RCD-protected flat pin switch & socket combinations, IP55, 240V a.c.



Pack	Cat No.
1	HB55SC310RC
1	HB55SC315RC

Surface mounting, complete with 30mA RCD with easy access through the hinged clear cover. Supplied, assembled and prewired for fast installation.
Type AC, 240V a.c. (for Australian use)
4 module size. Blue.

10A AS/NZS 3112 RCD-protected combination, 3 flat pin, 30mA, 2 pole heavy duty switch, 1.1kW. Matching plug is HB66P310C

15A AS/NZS 3112 RCD-protected combination, 3 flat pin, 30mA, 2 pole heavy duty switch, 1.8kW. Matching plug is HB66P315C



Pack	Cat No.	Description
		Surface mounting, complete with 30mA RCD with easy access through the hinged clear cover. Supplied, assembled and prewired for fast installation. Type AC, 240V ac (for Australian use) 3 module size. Blue.
1	HB55C310RC	10A AS/NZS 3112 RCD-protected socket outlet, 3 flat pin, 30mA, 1.1kW. Matching plug is HB66P310C
1	HB55C315RC	15A AS/NZS 3112 RCD-protected socket outlet, 3 flat pin, 30mA, 1.8kW. Matching plug is HB66P315C

AS/NZS 3123 round pin switch & socket combinations, IP66, 240V a.c. and 415V a.c.



Pack	Cat No.	Description
		Available standard for surface mounting. 25mm conduit entries. For flush units (less base) add suffix F to Cat. No. (Indent). 240V a.c., 3 pin (2P+E) 2 module size. Blue/Clear.
1	HA66C310	10A AS/NZS 3123 combination, 3 round pin, 2 pole switch (2P+E), 1.1kW. Matching plug is HA66P310C
1	HA66C320	20A AS/NZS 3123 combination, 3 round pin, 2 pole switch (2P+E), 2.2kW. Matching plug is HA66P320C
1	HA66C332	32A AS/NZS 3123 combination, 3 round pin, 2 pole switch (2P+E), 4.0kW. Matching plug is HA66P332C



Pack	Cat No.	Description
		415V a.c., 4 pin (3P+E) 2 module size. Red/Clear.
1	HA66C410	10A AS/NZS 3123 combination, 4 round pin, 3 pole switch (3P+E), 4.5kW. Matching plug is HA66P410C

1	HA66C420	20A AS/NZS 3123 combination, 4 round pin, 3 pole switch (3P+E), 9.0kW. Matching plug is HA66P420C
1	HA66C432	32A AS/NZS 3123 combination, 4 round pin, 3 pole switch (3P+E), 15.0kW. Matching plug is HA66P432C



Pack	Cat No.	Description
		415V a.c., 5 pin (3P+N+E) 2 module size. Red/Clear.
1	HA66C510	10A AS/NZS 3123 combination, 5 round pin, 4 pole switch (3P+N+E), 4.5kW. Matching plug is HA66P510C
1	HA66C520	20A AS/NZS 3123 combination, 5 round pin, 4 pole switch (3P+N+E), 9.0kW. Matching plug is HA66P520C
1	HA66C532	32A AS/NZS 3123 combination, 5 round pin, 4 pole switch (3P+N+E), 15.0kW. Matching plug is HA66P532C

AS/NZS 3123 RCD-protected round pin switch & socket combinations, IP55, 240V a.c. and 415V a.c. (Australian use)

Pack	Cat No.	Description
		Supplied complete with a 30mA RCD with easy access through the hinged clear cover. Supplied assembled and prewired for fast installation. Type AC, 240V a.c., 3 pin (2P+E) (for Australian use) 4 module size. Blue/Clear.
1	HA55SC320RC	20A AS/NZS 3123 RCD-protected combination, 2.2kW, 3 round pin, 30mA, 2 pole heavy duty switch / 2 pole RCD (2P+E). Matching plug is HA66P320C

AS/NZS 3112 flat pin clear plugs, IP66, 240V a.c.



Pack	Cat No.	Type AC, 415V a.c., 4 pin (3P+E) (for Australian use) 4 module size. Red/Clear
1	HA55SC420RC	20A AS/NZS 3123 RCD-protected combination, 9.0kW, 4 round pin, 30mA, 3 pole heavy duty switch / 4 pole RCD. Matching plug is HA66P420C
1	HA55SC432RC	32A AS/NZS 3123 RCD-protected combination, 15.0kW, 4 round pins, 30mA, 3 pole heavy duty switch / 4 pole RCD. Matching plug is HA66P432C



Pack	Cat No.	Clear plug body facilitates visual safety inspection of wiring. Specially designed terminal housing enhances speed and ease of wiring up. A clamp securely holds the cable preventing it twisting or damaging connections. Interchangeable with other manufacturer's plugs to AS/NZS 3112. 240V a.c., 3 pin Clear body with blue ends.
1	HB66P310C	10A AS/NZS 3112 plug, 3 flat pin
1	HB66P310LC	10A AS/NZS 3112 plug, 2 flat pin with round earth
1	HB66P315C	15A AS/NZS 3112 plug, 3 flat pin
1	HB66P320C	20A AS/NZS 3112 plug, 3 flat pin



Pack	Cat No.	Type AC, 415V a.c., 5 pin (3P+N+E) (for Australian use) 4 module size. Red/Clear
1	HA55SC520RC	20A AS/NZS 3123 RCD-protected combination, 9.0kW, 5 round pin, 30mA, 4 pole heavy duty switch / 4 pole RCD. Matching plug is HA66P520C
1	HA55SC532RC	32A AS/NZS 3123 RCD-protected combination, 15.0kW, 5 round pin, 30mA, 4 pole heavy duty switch / 4 pole RCD. Matching plug is HA66P532C

AS/NZS 3123 round pin clear plugs, IP66, 240V a.c. and 415V a.c.



Pack	Cat No.	Clear plug body facilitates visual safety inspection of wiring. Specially designed terminal housing enhances speed and ease of wiring up. A clamp securely holds the cable preventing it twisting or damaging connections. Interchangeable with other manufacturer's plugs to AS/NZS 3123. 240V a.c., 3 pin (2P+E) Clear body with blue ends
10	HA66P310C	10A AS/NZS 3123 plug, 3 round pin
10	HA66P320C	20A AS/NZS 3123 plug, 3 round pin
10	HA66P332C	32A AS/NZS 3123 plug, 3 round pin

AS/NZS 3112 flat pin captive plugs 240V a.c.



Pack	Cat No.	Superior economy where IP protection is not required. Blue threaded retaining ring allows standard plug tops to be held captive in industrial socket outlets. 240V a.c., 3 pin
10	HPR10CL	10A AS/NZS 3112 captive plug, 3 flat pin
10	HPR15CL	15A AS/NZS 3112 captive plug, 3 flat pin

Quantum range wallboxes and enclosures



Pack	Cat No.	415V ac, 4 pin (3P+E) Clear body with red ends.
10	HA66P410C	10A AS/NZS 3123 plug, 4 round pin
10	HA66P420C	20A AS/NZS 3123 plug, 4 round pin
10	HA66P432C	32A AS/NZS 3123 plug, 4 round pin



Pack	Cat No.	415V ac, Spin (3P+N+E) Clear body with red ends.
10	HA66P510C	10A AS/NZS 3123 plug, 5 round pin
10	HA66P520C	20A AS/NZS 3123 plug, 5 round pin
10	HA66P532C	32A AS/NZS 3123 plug, 5 round pin

Accessories



Pack	Cat No.	Base adaptor Transition piece
1	H66BA	Base adaptor Transition piece for retrofitting Quantum 2-module flush unit to 56 series base in existing installations. Allows installation of Quantum flush combinations where 200 x 100mm bases are fitted. Maintains IP66 rating.
1	H66H3	Hanger/pendant bracket suits all Quantum switch and socket combinations



Pack	Cat No.	Plugs and joiners
5	H66PL25	Plug, 25mm, complete with nut and gasket, IP66
1	H66J25	Joiner, 25mm, for connecting enclosures, complete with nut and gasket, IP66



Pack	Cat No.	Surface mounting & semi-flush mount. Multi-combination enclosures
1	H65MC2/12	2 gang combination and 12 DIN, IP65
1	H65MC3/16	3 gang combination and 16 DIN, IP65
1	H65L1	Blank lid and gasket



Pack	Cat No.	Wallboxes and enclosures M25 plain conduit entry standard.
1	H55D4	Enclosure for surface mounting, IP55, 4 x DIN, 180 x 90mm, 2 module size

Suspended socket



Pack	Cat No.	Suspended switched socket, 240V a.c.
1	HSS10	Simple wire up, double pole, accepts industrial plugs HPR10CL or HB66P310C as well as standard 3 pin plugs