Connection Units and 20 Amp DP Switches

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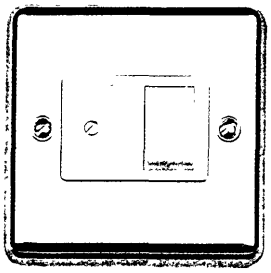

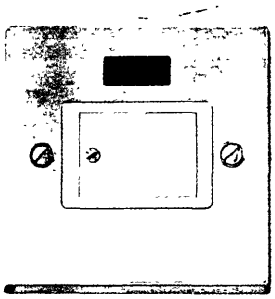

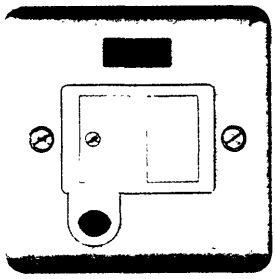

Product range

Connection Units		Switched				Unswitched			
		DP	DP with flex outlet	DP with neon	DP with flex outlet and neon	Unswitched	DP with flex outlet	Unswitched with neon	Unswitched with flex outlet and neon
Logic		1040 WH1	1030 WHI	1060 WHI	1070 WHI	1047 WHI	1091 WHI	1067 WHI	1076 WHI
Logic flex outlet in base		—	330 WHI	—	370 WHI	—	377 WHI	—	—
Albany	MCO	941 MCO	931 MCO	961 MCO	971 MCO	948 MCO	—	—	978 MCO
	SAB	941 SAB	931 SAB	961 SAB	971 SAB	948 SAB	—	—	978 SAB
	Surface	942 MCO*	932 MCO*	962 MCO*	972 MCO*	954 MCO*	989 MCO*	—	—
Chroma		941 PCR	931 PCR	961 PCR	971 PCR	948 PCR	—	—	978 PCR
Grosvenor		—	—	4361 POB	—	—	—	—	—
Savoy		—	—	5361 POS	—	—	—	—	—
Metalclad*		942 ALM*	932 ALM*	962 ALM*	972 ALM*	954 ALM*	989 ALM*	—	—

All of the above products are flush mounted, unless indicated thus*.
Tamper- proof screw versions and red rocker versions available, refer to main Catalogue

20 amp DP switches		DP switch	DP switch with neon	DP switch with neon marked 'Water heater'	DP switch with flex outlet	DP switch with flex outlet and neon	Energy saving switch
Logic		5403 WHI	5423 WHI	5423 WH/WHI	5444 WHI	5445 WHI	4724 WHI
Albany	MCO	—	5233 MCO	—	—	5250 MCO	—
	SAB	—	5233 SAB	—	—	5250 SAB	—
	Surface	—	5232 MCO	—	—	—	—
Chroma		—	5233 PCR	—	—	5250 PCR	—
Metalclad*		5212 ALM*	5232 ALM*	—	—	5242 ALM*	—

All of the above products are flush mounted, unless indicated Also available is a Logic Dual switch 20 Amp, for controlling dual immersion heaters. List No 5208 WHI
Red rocker versions available, refer to Catalogue

Standards and approvals

All connection units comply with BS 1363: Part 4 1995 20A DP switches comply with BS 3676: 1989. All 13A replacement fuses are to BS 1362.

Description

A range of 13A fused connection units and 20A DP switches designed for the connection of refrigerators, water heaters, central heating boilers and other fixed appliances

Neons

Neon indicators are included centrally and uppermost in the face of the appropriate switched and unswitched units. Neons are integrally wired so as to be illuminated when the switch is on.

Features

- Connection units available with tamper-proof screws
- Screw fitted fuse carriers to prevent casual opening
- Fuse carriers lockable in open position
- Fuse carriers are captive preventing loss
- Wrap around load terminals
- Flex outlets available either front facing or in base (Logic only)

Mounting boxes

Logic units with base flex outlet = 25mm
All other connection units = 35mm

Dimensions

Frontplates: 86 mm x 86 mm.

Connection units with flex outlet in base have a 13 mm deep frontplate All other connection units and 20A DP switches have a 9 mm deep frontplate

Fixing centres 60.3 mm.

Technical specification

Electrical

Voltage rating	250 V AC
Current rating	Connection units - 13 Amp DP switches - 20 Amp
Terminal capacity·	Connection units – supply terminals 2 x 6 mm^2 stranded cable 2 x 4 mm^2 or 3 x 2.5 mm^2 rigid cable Load terminals for flexible cables 1 x 1 5mm^2 multi-stranded
20 Amp switches	Supply terminals - 2 x 4 mm^2 or 3 x 2 5 mm^2 rigid cable Load terminals for flexible cables 1 x 2 5mm^2 multi-stranded

Physical

Ambient operating temperature	- 5 °C + 40 °C (not to exceed an average of more than 25 °C in any 24 hour period)
IP rating.	IP4X
Max installation altitude	2000 metres

Connections

Supply cables as well as load cables in fixed installations
Live = red
Neutral = black
Earth = green or green/yellow

Load circuits using flexible cords
Live = brown
Neutral = blue
Earth = green/yellow

Installation

Connection units and 20A DP switches can be wall or bench mounted Do not mount or use on trailing leads, or where they may be subjected to excessive moisture or dampness

Wiring

Products must be inserted in accordance with current IEE Regulations

Cable Management

Connection units and 20 A DP switches can be mounted in a variety of MK trunking systems, see MK Catalogue for further details