CANFORD

Mains Power Distribution Units

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STANDARD MODELS

This range of twelve, fourteen, fifteen or Twin 7 way, IEC or Powercon outlet, AC mains power distribution panels are housed in a compact 1U rackmount case. Loop-out feature models, provide an un-switched, direct loop-through power outlet to supply equipment that must remain powered when the MDU is switched off, or to supply to a second MDU. All versions have on the front panel an un-switched neon power present indicator, fuse and LED indication of power status for each of the output channels. Inlet, outlets and Earth connection are on the rear panel.

NOTE: **Current drawn from the 'loop-output' must be included in the total current calculation. Care must be taken not to exceed the maximum total load of the MDU. See table below for individual units current rating.**

The fuses on the front panel have either adjacent green and red LEDs or a bi-colour LED. Green illuminated indicates that the circuit is powered correctly. Red illuminated (green off) indicates that the fuse has failed.

All outputs are numbered front and rear for easy identification and a designation- strip holder with snap-on cover is fitted on the front panel. The paper strips supplied may be inserted before or after installation; 7.5mm of printable height is available. Templates for printing designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare designation-strip inserts (not suitable for printers) 45-3082 and spare clear covers 45-3092 are available.

All types are available finished in black front panels, with a green 'input power present' neon indicator on the front panel.

Lacing Bars

A single-rod lacing-bar is fitted, which can be moved to an alternative fixing position if desired.

Mating connectors are NOT included and should be ordered separately as required.

Required accessories

Input connectors:

42-154	BULGIN PX0587 IEC MAINS CONNECTOR, C13 type, female, cable
42-051	SCHURTER IEC MAINS CONNECTOR, C13 type, female, cable
42-3200	IEC-LOCK IEC MAINS CONNECTOR, C13 type, female cable
42-021	NEUTRIK NAC3FCA POWERCON Mains input cable connector, 20 Amp
42-026	NEUTRIK NAC3FC-HC POWERCON Mains input cable connector, 32 Amp

Loop-out/Output connectors:

42-153	BULGIN PX0686 IEC MAINS CONNECTOR E type, male, cable
42-054	SCHURTER IEC MAINS CONNECTOR, E type, male, cable
42-022	NEUTRIK NAC3FCB POWERCON Mains output cable connector, 20 Amp

Optional accessories

Moulded mains leads: A large range are offered, see AC Mains Power Leads.

Locking, moulded, mains leads: Patented, locking IEC leads, see AC Mains Power Leads - IEC-Lock.

Additional lacing bar kit.

Technical Specification

Voltage:	198-254V AC
Outlet fuses:	10A (T) HBC ceramic, to BS EN 60127
Depth (Excl lacing bar):	130mm
Depth (incl lacing bar):	230mm
Weight:	1.7kg
All types:	1U, 19-inch rack mounting, 44 x 483 (h x w) mm

Contact: International Sales: +44 (0)191 418 1133 | international@canford.co.uk | UK Sales: +44 (0)191 418 1122 | sales@canford.co.uk

Standard models with IEC Outlets

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU1	10A IEC, IEC 'loop-out'	15x 10A IEC Outlets	10A	10A	42-9112
MDU2	20A Powercon, Powercon 'loop-out'	15x 10A IEC Outlets	10A	20A	42-9122
MDU3	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9332
MDU5	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9352
MDU6	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9362
MDU8	20A Powercon, Powercon 'loop-out'	14x 10A IEC Outlets	10A	20A	42-9382
MDU11	Twin 10A IEC	Twin 7x 10A IEC Outlets	10A	10A*	42-8312
MDU12	Twin 20A Powercon	Twin 7x 10A IEC Outlets	10A	20A*	42-8322
MDU13	Twin 20A, unterminated, fixed-lead	Twin 7x 10A IEC Outlets	10A	20A*	42-8332
MDU15	10A IEC	12x 10A Locking IEC Outlets	10A	10A	42-8352
MDU16	20A Powercon	12x 10A Locking IEC Outlets	10A	20A	42-8362
MDU17	20A, unterminated, fixed-lead	12x 10A Locking IEC Outlets	10A	20A	42-8372

* for each section

Standard models with Powercon Outlets

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU7	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9372
MDU9	32A, unterminated, fixed-lead	12x 20A Powercon Outlets	10A	32A	42-9392
MDU10	32A Powercon	12x 20A Powercon Outlets	10A	32A	42-9302

SWITCHED ONLY MODELS

This range of twelve, fourteen, fifteen or Twin 7 way, IEC or Powercon outlet, switched AC mains power distribution panels are housed in a compact 1U rackmount case. Loop-out feature models, provide an un-switched, direct loop-through power outlet to supply equipment that must remain powered when the MDU is switched off, or to supply to a second MDU. All versions have on the front panel an illuminated, power rocker switch, fuse and LED indication of power status for each of the output channels. Inlet, outlets and Earth connection are on the rear panel.

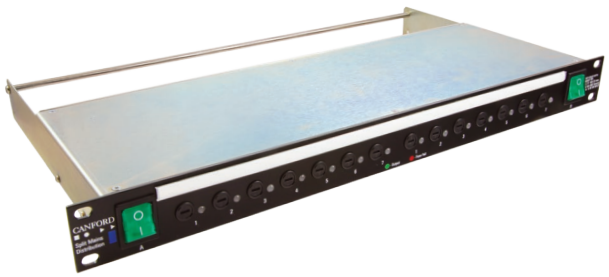
NOTE: **Current drawn from the 'loop-output' must be included in the total current calculation. Care must be taken not to exceed the maximum total load of the MDU. See table below for individual units current rating.**

The fuses on the front panel have adjacent green and red LEDs or a bi-colour LED. Green illuminated indicates that the circuit is powered correctly. Red illuminated (green off) indicates that the fuse has failed.

All outputs are numbered front and rear for easy identification and a designation- strip holder with snap-on cover is fitted on the front panel. The paper strips supplied may be inserted before or after installation; 7.5mm of printable height is available. Templates for printing designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare designation-strip inserts (not suitable for printers) 45-3082 and spare clear covers 45-3092 are available.

All types are available finished in black front panels, with a green illuminated, power rocker switch on the front panel.



Lacing Bars

A single-rod lacing-bar is fitted, which can be moved to an alternative fixing position if desired.

Mating connectors are NOT included and should be ordered separately as required.

Required accessories

Input connectors:

42-154	BULGIN PX0587 IEC MAINS CONNECTOR, C13 type, female, cable
42-051	SCHURTER IEC MAINS CONNECTOR, C13 type, female, cable
42-3200	IEC-LOCK IEC MAINS CONNECTOR, C13 type, female cable
42-021	NEUTRIK NAC3FCA POWERCON Mains input cable connector, 20 Amp

Loop-out/Output connectors:

42-153	BULGIN PX0686 IEC MAINS CONNECTOR, E type, male, cable
42-054	SCHURTER IEC MAINS CONNECTOR, E type, male, cable
42-022	NEUTRIK NAC3FCB POWERCON Mains output cable connector, 20 Amp

Optional accessories

Moulded mains leads: A large range are offered, see AC Mains Power Leads.

Locking, moulded, mains leads: Patented, locking IEC leads, see AC Mains Power Leads - IEC-Lock.

Additional lacing bar kit.

Switch Guard Plates:

A switch guard-plate may be fitted at the time of installation or retrospectively to Canford MDUs to avoid units being accidentally switched off (or on). The central cut-out gives finger access and a clear view of the illuminated switch. Note: Different types of MDU require switch guards of different sizes, see information in descriptions.

Switched only models with IEC Outlets

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU1S	10A IEC, IEC 'loop-out'	15x 10A IEC Outlets	10A	10A	42-9116
MDU2S	20A Powercon, Powercon 'loop-out'	15x 10A IEC Outlets	10A	16A	42-9126
MDU3S	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9336
MDU5S	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9356
MDU6S	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9366
MDU8S	20A Powercon, Powercon 'loop-out'	14x 10A IEC Outlets	10A	16A	42-9386
MDU11S	Twin 10A IEC	Twin 7x 10A IEC Outlets	10A	10A*	42-8316
MDU12S	Twin 20A Powercon	Twin 7x 10A IEC Outlets	10A	16A*	42-8326
MDU13S	Twin 20A, unterminated, fixed-lead	Twin 7x 10A IEC Outlets	10A	16A*	42-8336
MDU15S	10A IEC	12x 10A Locking IEC Outlets	10A	10A	42-8356
MDU16S	20A Powercon	12x 10A Locking IEC Outlets	10A	16A	42-8366
MDU17S	20A, unterminated, fixed-lead	12x 10A Locking IEC Outlets	10A	16A	42-8376

* for each section

Switched only models with Powercon Outlets

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU7S	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9376

Technical Specification

Voltage: 198-254V AC

Outlet fuses: 10A (T) HBC ceramic, to BS EN 60127

Maximum in-rush current: 100A

Depth (Excl lacing bar): 130mm

Depth (incl lacing bar): 230mm

Weight: 1.7kg

All types: 1U, 19-inch rack mounting, 44 x 483 (h x w) mm

SEQUENTIAL ON/OFF MODELS

This range of twelve, IEC or Powercon outlet, sequential "switch-on" or "switch-on and switch-off" AC mains power distribution panels are housed in a compact 1U rackmount case. Loop-out feature models, provide an un-switched, direct loop-through power outlet to supply equipment that must remain powered when the MDU is switched off, or to supply to a second MDU. All versions have on the front panel an illuminated, power rocker switch or an un-switched neon power present indicator, fuse and LED indication of power status for each of the output channels. Inlet, outlets and Earth connection are on the rear panel.

Sequential ON

These are as the standard and switched only type but, in addition, to avoid overloading the supply, the outputs are sequentially switched on when power is applied. This delay is vital where a number of pieces of equipment drawing a high 'inrush' current, such as CRTs, power amplifiers or equipment fitted with switch-mode power supplies, are connected to a single MDU. This sequential solution may also be used to switch on equipment in an audio installation prior to the power amplifier to avoid 'clicks' and possible damage to loudspeakers.

The delay between successive outputs is preset at 300mS, but an internal control allows adjustment between approximately 30mS and 600mS. Outputs are switched using relays controlled from a microprocessor. The top cover is user-removable to access the sequential switch-on delay adjustment control. In the case of switched versions, if power is connected to the unit when the switch is 'off', no power is supplied to the outputs. If the switch is 'on', the outputs will be powered up sequentially as normal.

Sequential ON and OFF

Similar to the Sequential Switch-on types above, these also are based on the standard types, but have a control activating the 'start' or 'stop' sequence. The control is a latching rocker switch, but, it should be emphasised, does not switch the supply itself. When power is supplied to the MDU, an LED shows that power is present. If the control is in the 'stop' position, no power will supplied to the outputs.

Changing the control to the 'start' position will cause the outputs to be switched on sequentially. Once the sequence is complete, changing the control to 'stop' will cause the outputs to be switched off sequentially in the reverse order.

If the control is changed to 'stop' during the 'start' sequence, the sequence is stopped and the outputs which are on will be turned off, sequentially, in reverse order. If the control is changed to 'start' during the 'stop' sequence, the outputs which have been turned off will be turned on again sequentially, in the usual 'start' order.

If power is applied to the MDU when the switch is in the 'start' position, say after a power cut, the outputs will be turned on, sequentially, in the usual order. If power is taken away from the MDU when outputs are turned on, either during a sequence or not, all outputs will turn off together.

The delay between each successive output when switching on is preset at 300mS, but an internal control may be accessed by removing the top cover which allows an adjustment between approximately 30mS and 600mS. The delay between each successive output when switching off is the same as set for the switch-on delay.

NOTE: **Current drawn from the 'loop-output' must be included in the total current calculation. Care must be taken not to exceed the maximum total load of the MDU. See tables below for individual units current rating.**

The fuses on the front panel have adjacent green and red LEDs. Green illuminated indicates that the circuit is powered correctly. Red illuminated (green off) indicates that the fuse has failed.

All outputs are numbered front and rear for easy identification and a designation- strip holder with snap-on cover is fitted on the front panel. The paper strips supplied may be inserted before or after installation; 7.5mm of printable height is available. Templates for printing designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare designation-strip inserts (not suitable for printers) 45-3082 and spare clear covers 45-3092 are available.

All types are available finished in black front panels, with a green illuminated switch or 'input power present' neon indicator on the front panel.

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Lacing Bars

A single-rod lacing-bar is fitted, which can be moved to an alternative fixing position if desired.

Mating connectors are NOT included and should be ordered separately as required.

Required accessories

Input connectors:

42-154 BULGIN PX0587 IEC MAINS CONNECTOR, C13 type, female, cable

42-051 SCHURTER IEC MAINS CONNECTOR, C13 type, female, cable

42-3200 IEC-LOCK IEC MAINS CONNECTOR, C13 type, female cable

42-021 NEUTRIK NAC3FCA POWERCON Mains input cable connector, 20 Amp

Loop-out/Output connectors:

42-153 BULGIN PX0686 IEC MAINS CONNECTOR, E type, male, cable

42-054 SCHURTER IEC MAINS CONNECTOR, E type, male, cable

42-022 NEUTRIK NAC3FCB POWERCON Mains output cable connector, 20 Amp

Optional accessories

Moulded mains leads: A large range are offered, see AC Mains Power Leads.

Locking, moulded, mains leads: Patented, locking IEC leads, see AC Mains Power Leads - IEC-Lock.

Additional lacing bar kit.

Switch Guard Plates:

A switch guard-plate may be fitted at the time of installation or retrospectively to Canford MDUs to avoid units being accidentally switched off (or on). The central cut-out gives finger access and a clear view of the illuminated switch. Note: Different types of MDU require switch guards of different sizes, see information in descriptions.

Technical Specification

Voltage:	198-254V AC
Outlet fuses:	10A (T) HBC ceramic, to BS EN 60127
Maximum in-rush current:	100A (MDU-S versions)
Depth (Excl lacing bar):	250mm
Depth (incl lacing bar):	350mm
Weight:	4.0kg
All types:	1U, 19-inch rack mounting, 44 x 483 (h x w) mm

Sequential ON (Q)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3Q	20A, unterminated, fixed-lead	12x 10A IEC Out-lets	10A	20A	42-9432
MDU5Q	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9452
MDU6Q	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9462
MDU7Q	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9472

Sequential ON and OFF (QQ)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3QQ	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9736
MDU5QQ	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9756
MDU6QQ	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9766
MDU7QQ	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9776

Switched, Sequential ON (SQ)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3SQ	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9436
MDU5SQ	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9456
MDU6SQ	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9466
MDU7SQ	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9476

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SEQUENTIAL AND FILTERED COMBINATION MODELS

This range of twelve, IEC or Powercon outlet, filtered, sequential "switch-on" or "switch-on and switch-off" AC mains power distribution panels are housed in a compact 1U rackmount case. Loop-out feature models, provide an un-switched, direct loop-through power outlet to supply equipment that must remain powered when the MDU is switched off, or to supply to a second MDU. All versions have on the front panel an illuminated, power rocker switch or an un-switched neon power present indicator, fuse and LED indication of power status for each of the output channels. Inlet, outlets and Earth connection are on the rear panel.

Sequential Switch-ON

These are as the standard type but, in addition, to avoid overloading the supply, the outputs are sequentially switched on when power is applied. This delay is vital where a number of pieces of equipment drawing a high 'inrush' current, such as CRTs, power amplifiers or equipment fitted with switch-mode power supplies, are connected to a single MDU. This sequential solution may also be used to switch on equipment in an audio installation prior to the power amplifier to avoid 'clicks' and possible damage to loudspeakers. The delay between successive outputs is preset at 300mS, but an internal control allows adjustment between approximately 30mS and 600mS. Outputs are switched using relays controlled from a microprocessor. The top cover is user-removable to access the sequential switch-on delay adjustment control. In the case of switched versions, if power is connected to the unit when the switch is 'off', no power is supplied to the outputs. If the switch is 'on', the outputs will be powered up sequentially as normal.

Sequential Switch-ON and Switch-OFF

Similar to the Sequential Switch-on types above, these also are based on the standard types, but have a control activating the 'start' or 'stop' sequence. The control is a latching rocker switch, but, it should be emphasised, does not switch the supply itself. When power is supplied to the MDU, an LED shows that power is present. If the control is in the 'stop' position, no power will supplied to the outputs. Changing the control to the 'start' position will cause the outputs to be switched on sequentially. Once the sequence is complete, changing the control to 'stop' will cause the outputs to be switched off sequentially in the reverse order. If the control is changed to 'stop' during the 'start' sequence, the sequence is stopped and the outputs which are on will be turned off, sequentially, in reverse order. If the control is changed to 'start' during the 'stop' sequence, the outputs which have been turned off will be turned on again sequentially, in the usual 'start' order. If power is applied to the MDU when the switch is in the 'start' position, say after a power cut, the outputs will be turned on, sequentially, in the usual order. If power is taken away from the MDU when outputs are turned on, either during a sequence or not, all outputs will turn off together. The delay between each successive output when switching on is preset at 300mS, but an internal control may be accessed by removing the top cover which allows an adjustment between approximately 30mS and 600mS. The delay between each successive output when switching off is the same as set for the switch-on delay.

Filtered

These are as the standard type with a high-performance filter, fitted internally, that helps to protect sensitive electronic components connected to the MDU against mains-borne interference and to reduce the audible effects of spikes and dips in the mains supply.

NOTE: **Current drawn from the 'loop-output' must be included in the total current calculation. Care must be taken not to exceed the maximum total load of the MDU. See tables below for individual units current rating.**

The fuses on the front panel have adjacent green and red LEDs. Green illuminated indicates that the circuit is powered correctly. Red illuminated (green off) indicates that the fuse has failed.

All outputs are numbered front and rear for easy identification and a designation- strip holder with snap-on cover is fitted on the front panel. The paper strips supplied may be inserted before or after installation; 7.5mm of printable height is available. Templates for printing

designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare designation-strip inserts (not suitable for printers) 45-3082 and spare clear covers 45-3092 are available.

All types are available finished in black front panels, with a green illuminated switch or 'input power present' neon indicator on the front panel.

Mating connectors are NOT included and should be ordered separately as required.

Required accessories

Input connectors:

42-154	BULGIN PX0587 IEC MAINS CONNECTOR, C13 type, female, cable
42-051	SCHURTER IEC MAINS CONNECTOR, C13 type, female, cable
42-3200	IEC-LOCK IEC MAINS CONNECTOR, C13 type, female cable
42-021	NEUTRIK NAC3FCA POWERCON Mains input cable connector, 20 Amp

Loop-out/Output connectors:

42-153	BULGIN PX0686 IEC MAINS CONNECTOR, E type, male, cable
42-054	SCHURTER IEC MAINS CONNECTOR, E type, male, cable
42-022	NEUTRIK NAC3FCB POWERCON Mains output cable connector, 20 Amp

Optional accessories

Moulded mains leads: A large range are offered, see AC Mains Power Leads.

Locking, moulded, mains leads: Patented, locking IEC leads, see AC Mains Power Leads - IEC-Lock.

Additional lacing bar kit.

Switch Guard Plates:

A switch guard-plate may be fitted at the time of installation or retrospectively to Canford MDUs to avoid units being accidentally switched off (or on). The central cut-out gives finger access and a clear view of the illuminated switch. Note: Different types of MDU require switch guards of different sizes, see information in descriptions.

Technical Specification

Voltage:	198-254V AC
Outlet fuses:	10A (T) HBC ceramic, to BS EN 60127
Maximum in-rush current:	100A (MDU-S versions)
Depth (Excl lacing bar):	250mm
Depth (incl lacing bar):	350mm
Weight:	4.0kg
All types:	1U, 19-inch rack mounting, 44 x 483 (h x w) mm

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Sequential Switch-on, Filtered (QF)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3QF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9632
MDU5QF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9652
MDU6QF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9662
MDU7QF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9672

Sequential Switch-on and Switch-off, Filtered (QQF)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3QQF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9836
MDU5QQF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9856
MDU6QQF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9866
MDU7QQF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9876

Switched, Sequential Switch-on, Filtered (SQF)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3SQF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9636
MDU5SQF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9656
MDU6SQF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9666
MDU7SQF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9676

FILTERED MODELS

This range of twelve, IEC or Powercon outlet, filtered AC mains power distribution panels are housed in a compact 1U rackmount case. Loop-out feature models, provide an un-switched, direct loop-through power outlet to supply equipment that must remain powered when the MDU is switched off, or to supply to a second MDU. All versions have on the front panel an illuminated, power rocker switch or an un-switched neon power present indicator, fuse and LED indication of power status for each of the output channels. Inlet, outlets and Earth connection are on the rear panel.

These filtered units are as the standard type with a high-performance filter, fitted internally, that helps to protect sensitive electronic components connected to the MDU against mains-borne interference and to reduce the audible effects of spikes and dips in the mains supply.

NOTE: **Current drawn from the 'loop-output' must be included in the total current calculation. Care must be taken not to exceed the maximum total load of the MDU. See tables below for individual units current rating. The fuses on the front panel have adjacent green and red LEDs or a bi-colour LED.**

Green illuminated indicates that the circuit is powered correctly. Red illuminated (green off) indicates that the fuse has failed.

All outputs are numbered front and rear for easy identification and a designation- strip holder with snap-on cover is fitted on the front panel. The paper strips supplied may be inserted before or after installation; 7.5mm of printable height is available. Templates for printing designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare designation-strip inserts (not suitable for printers) 45-3082 and spare clear covers 45-3092 are available.

All types are available finished in black front panels, with a green illuminated switch or 'input power present' neon indicator on the front panel.

Mating connectors are NOT included and should be ordered separately as required.

Required accessories

Input connectors:

42-154	BULGIN PX0587 IEC MAINS CONNECTOR, C13 type, female, cable
42-051	SCHURTER IEC MAINS CONNECTOR, C13 type, female, cable
42-3200	IEC-LOCK IEC MAINS CONNECTOR, C13 type, female cable
42-021	NEUTRIK NAC3FCA POWERCON Mains input cable connector, 20 Amp

Loop-out/Output connectors:

42-153	BULGIN PX0686 IEC MAINS CONNECTOR, E type, male, cable
42-054	SCHURTER IEC MAINS CONNECTOR, E type, male, cable
42-022	NEUTRIK NAC3FCB POWERCON Mains output cable connector, 20 Amp

Optional accessories

Moulded mains leads: A large range are offered, see AC Mains Power Leads.

Locking, moulded, mains leads: Patented, locking IEC leads, see AC Mains Power Leads - IEC-Lock.

Additional lacing bar kit.

Switch Guard Plates:

A switch guard-plate may be fitted at the time of installation or retrospectively to Canford MDUs to avoid units being accidentally switched off (or on). The central cut-out gives finger access and a clear view of the illuminated switch. Note: Different types of MDU require switch guards of different sizes, see information in descriptions.

Filtered (F)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3F	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9532
MDU5F	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9552
MDU6F	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9562
MDU7F	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9572

Switch, Filtered (SF)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU3SF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9536
MDU5SF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9556
MDU6SF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9566
MDU7SF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9576

Technical Specification

Voltage: 198-254V AC

Outlet fuses: 10A (T) HBC ceramic, to BS EN 60127

Maximum in-rush current: 100A (MDU-S versions)

Depth (Excl lacing bar): 250mm

Depth (incl lacing bar): 350mm

Weight: 4.0kg

All types: 1U, 19-inch rack mounting, 44 x 483 (h x w) mm

CURRENT METERING MODELS

This range of twelve-way, IEC outlet, AC mains power distribution panels are housed in a compact 1U rackmount case. Loop-out feature models, provide an un-switched, direct loop-through power outlet to supply equipment that must remain powered when the MDU is switched off, or to supply to a second MDU. All versions have on the front panel an illuminated current meter, fuses and LED indication of power status for each of the output channels. Switch option models have an illuminated power rocker switch. Inlet, outlets and Earth connection are on the rear panel.

NOTE: **Current drawn from the 'loop-output' must be included in the total current calculation. Care must be taken not to exceed the maximum total load of the MDU. Seetables below for individual units current rating.**

The fuses on the front panel have bi-colour LEDs. Green illuminated indicates that the circuit is powered correctly. Red illuminated (green off) indicates that the fuse has failed.

All outputs are numbered front and rear for easy identification and a designation- strip holder with snap-on cover is fitted on the front panel. The paper strips supplied may be inserted before or after installation; 7.5mm of printable height is available. Templates for printing designation strip labels, available as a DWG file for AutoCAD and compatible applications, can be downloaded from the appropriate product page on the Canford website.

Spare designation-strip inserts (not suitable for printers) 45-3082 and spare clear covers 45-3092 are available.

All types are available finished in black front panels, switched versions have a green illuminated switch on the front panel.

Mating connectors are NOT included and should be ordered separately as required.

Required accessories

Input connectors:

42-154	BULGIN PX0587 IEC MAINS CONNECTOR C13 type, female, cable
42-051	SCHURTER IEC MAINS CONNECTOR, C13 type, female, cable
42-3200	IEC-LOCK IEC MAINS CONNECTOR, C13 type, female cable
42-021	NEUTRIK NAC3FCA POWERCON Mains input cable connector, 20 Amp

Loop-out/Output connectors:

42-153	BULGIN PX0686 IEC MAINS CONNECTOR, E type, male, cable
42-054	SCHURTER IEC MAINS CONNECTOR, E type, male, cable
42-022	NEUTRIK NAC3FCB POWERCON Mains output cable connector, 20 Amp

Optional accessories

Moulded mains leads: A large range are offered, see AC Mains Power Leads.

Locking, moulded, mains leads: Patented, locking IEC leads, see AC Mains Power Leads - IEC-Lock.

Additional lacing bar kit.

Switch Guard Plates:

A switch guard-plate may be fitted at the time of installation or retrospectively to Canford MDUs to avoid units being accidentally switched off (or on). The central cut-out gives finger access and a clear view of the illuminated switch. Note: Different types of MDU require switch guards of different sizes, see information in descriptions.

Technical Specification

Voltage:	198-254V AC
Outlet fuses:	10A (T) HBC ceramic, to BS EN 60127
Maximum in-rush current:	100A (MDU-S versions)
Depth (Excl lacing bar):	250mm
Depth (incl lacing bar):	350mm
Weight:	4.0kg
All types:	1U, 19-inch rack mounting, 44 x 483 (h x w) mm

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Filtered (F)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU18	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-8384
MDU19	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-8394
MDU20	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-8304

Switch, Filtered (SF)

MDU Model	InputConnectors	Output Connectors	Max Outlet Load	Max Total Load	Stock code
MDU18S	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-8386
MDU19S	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-8396
MDU20S	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-8306

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