



CANFORD

the essential source



MAINS POWER DISTRIBUTION UNITS

canford.co.uk

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.

With the exception of MDU1 and MDU2, which are only available in Black. All types are available finished in Dawn Grey or Black front panels, with 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.



IEC OUTLETS

* for each section

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
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	42-9331
MDU5	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9352	42-9351
MDU6	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9362	42-9361
MDU8	20A Powercon, Powercon 'loop-out'	14x 10A IEC Outlets	10A	20A	42-9382	42-9381
MDU11	Twin 10A IEC	Twin 7x 10A IEC Outlets	10A	10A*	42-8312	42-8311
MDU12	Twin 20A Powercon	Twin 7x 10A IEC Outlets	10A	20A*	42-8322	42-8321
MDU13	Twin 20A, unterminated, fixed-lead	Twin 7x 10A IEC Outlets	10A	20A*	42-8332	42-8331
MDU15	10A IEC	12x 10A Locking IEC Outlets	10A	10A	42-8352	42-8351
MDU16	20A Powercon	12x 10A Locking IEC Outlets	10A	20A	42-8362	42-8361
MDU17	20A, unterminated, fixed-lead	12x 10A Locking IEC Outlets	10A	20A	42-8372	42-8371

POWERCON OUTLETS

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
MDU7	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9372	42-9371
MDU9	32A, unterminated, fixed-lead	12x 20A Powercon Outlets	10A	32A	42-9392	42-9391
MDU10	32A Powercon	12x 20A Powercon Outlets	10A	32A	42-9302	42-9301

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.

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.

With the exception of MDU1 and MDU2, which are only available in Black. All types are available finished in Dawn Grey or Black front panels, with 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.

IEC OUTLETS						* for each section	
MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Switch		
					Black Panel	Grey Panel	
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	42-9335	
MDU5S	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9356	42-9355	
MDU6S	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9366	42-9365	
MDU8S	20A Powercon, Powercon 'loop-out'	14x 10A IEC Outlets	10A	16A	42-9386	42-9385	
MDU11S	Twin 10A IEC	Twin 7x 10A IEC Outlets	10A	10A*	42-8316	42-8315	
MDU12S	Twin 20A Powercon	Twin 7x 10A IEC Outlets	10A	16A*	42-8326	42-8325	
MDU13S	Twin 20A, unterminated, fixed-lead	Twin 7x 10A IEC Outlets	10A	16A*	42-8336	42-8335	
MDU15S	10A IEC	12x 10A Locking IEC Outlets	10A	10A	42-8356	42-8355	
MDU16S	20A Powercon	12x 10A Locking IEC Outlets	10A	16A	42-8366	42-8365	
MDU17S	20A, unterminated, fixed-lead	12x 10A Locking IEC Outlets	10A	16A	42-8376	42-8375	

POWERCON OUTLETS						
MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Switch	
					Black Panel	Grey Panel
MDU7S	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9376	42-9375

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 be 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 Dawn Grey or Black front panels, with green illuminated switch or '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

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.



SEQUENTIAL ON (Q)

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
MDU3Q	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9432	42-9431
MDU5Q	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9452	42-9451
MDU6Q	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9462	42-9461
MDU7Q	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9472	42-9471

SEQUENTIAL ON AND OFF (QQ)

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
MDU3QQ	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9736	42-9735
MDU5QQ	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9756	42-9755
MDU6QQ	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9766	42-9765
MDU7QQ	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9776	42-9775

CANFORD MDU AC MAINS POWER DISTRIBUTION UNITS

SWITCHED, SEQUENTIAL ON (SQ)

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Switch	
					Black Panel	Grey Panel
MDU3SQ	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9436	42-9435
MDU5SQ	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9456	42-9455
MDU6SQ	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9466	42-9465
MDU7SQ	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9476	42-9475

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 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 be 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 Dawn Grey or Black front panels, with green illuminated switch or 'input power present' neon indicator on the front panel. 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.

SEQUENTIAL AND FILTERED COMBINATION MODELS

SEQUENTIAL SWITCH-ON, FILTERED (QF)

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
MDU3QF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9632	42-9331
MDU5QF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9652	42-9651
MDU6QF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9662	42-9661
MDU7QF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9672	42-9671

SEQUENTIAL SWITCH-ON AND SWITCH-OFF, FILTERED (QQF)

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
MDU3QQF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9836	42-9835
MDU5QQF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9856	42-9855
MDU6QQF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9866	42-9865
MDU7QQF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9876	42-9875

SWITCHED, SEQUENTIAL SWITCH-ON, FILTERED (SQF)

MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Switch	
					Black Panel	Grey Panel
MDU3SQF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9636	42-9635
MDU5SQF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9656	42-9655
MDU6SQF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9666	42-9665
MDU7SQF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9676	42-9675

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.

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 Dawn Grey or Black front panels, with green illuminated switch or 'input power present' neon indicator on the front panel. 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.

FILTERED MODELS

FILTERED (F)						
MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Neon	
					Black Panel	Grey Panel
MDU3F	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-9532	42-9531
MDU5F	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9552	42-9551
MDU6F	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-9562	42-9561
MDU7F	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	20A	42-9572	42-9571

SWITCH, FILTERED (SF)						
MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Switch	
					Black Panel	Grey Panel
MDU3SF	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-9536	42-9535
MDU5SF	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-9556	42-9555
MDU6SF	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-9566	42-9565
MDU7SF	20A Powercon, Powercon 'loop-out'	12x 20A Powercon Outlets	10A	16A	42-9576	42-9575

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 Dawn Grey or Black front panels, with green illuminated switch on the front panel on the switched models.

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.



CURRENT METERING MODELS

STANDARD						
MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Black Panel	Grey Panel
					No Neon	No Neon
MDU18	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-8384	42-8383
MDU19	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	20A	42-8394	42-8393
MDU20	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	20A	42-8304	42-8303

SWITCHED						
MDU Model	Input Connectors	Output Connectors	Max Outlet Load	Max Total Load	Green Switch	
					Black Panel	Grey Panel
MDU18S	10A IEC, IEC 'loop-out'	12x 10A IEC Outlets	10A	10A	42-8386	42-8385
MDU19S	20A Powercon, Powercon 'loop-out'	12x 10A IEC Outlets	10A	16A	42-8396	42-8395
MDU20S	20A, unterminated, fixed-lead	12x 10A IEC Outlets	10A	16A	42-8306	42-8305

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.