

Consumer Units with Surge Protection - Metal Clad



18th EDITION & CIRCUIT PROTECTION DEVICES

Device Compatibility

ALL Niglon Circuit Protection Devices are compatible.

SPD Selection

(Surge Protection Device)

On installations deemed to require protection against transient over-voltages due to either atmospheric origin or switching - Niglon offers a complete range of pre-fitted SPD consumer unit boards.

RCD Selection

(Residual Circuit Device)

Focus must be given to their selection type; AC, A, F or D.

RCCB & Switches Selection

(Residual Current Circuit Breaker)

Overload protection must be considered for both the main switch and RCCBs in consumer units.



Standard of Compliance
IP20
EN 61643-11

Certified
intertek

Note
Surge protection device
included 15kA I_{max}

Isolator Controlled (SPD inc.)

List No.	Description	Pack Qty
M3CU8SP	8 module 4 way 100A DP Isolator	1
M3CU10SP	10 module 6 way 100A DP Isolator	1
M3CU14SP	14 module 10 way 100A DP Isolator	1
M3CU18SP	18 module 14 way 100A DP Isolator	1
M3CU21SP	21 module 17 way 100A DP Isolator	1



Standard of Compliance
IP20
EN 61643-11

Certified
intertek

Note
Surge protection device
included 15kA I_{max}

Dual RCD Controlled - Split Load (SPD inc.)

List No.	Description	Pack Qty
M3CU14S/263SP	3+3 100A DP Isolator + 2 x 63A-30mA RCD - AC	1
M3CU18S/280SP	5+5 100A DP Isolator + 2 x 80A-30mA RCD - AC	1
M3CU18S/280LDSP Loaded Board	5+5 100A DP Isolator + 2 x 80A-30mA RCD - AC c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1
M3CU21S/280SP	7+6 100A DP Isolator + 2 x 80A-30mA RCD - AC	1
M3CU21S/200SP	7+6 100A DP Isolator + 2 x 100A-30mA RCD - AC	1



Note
Surge protection device
included 15kA I_{max}

Dual RCD Controlled - High Integrity (SPD inc.)

List No.	Description	Pack Qty
M3CU18S/280+SP	4+4+2 100A DP Isolator + 2x80A - 30mA RCD - AC	1
M3CU21S/280+SP	6+5+2 100A DP Isolator + 2x80A - 30mA RCD - AC	1
M3CU21S/200+SP	6+5+2 100A DP Isolator + 2x100A - 30mA RCD - AC	1

Consumer Units - Metal Clad



Standard of Compliance
IP20
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Isolator Controlled

List No.	Description	Pack Qty
M3CU4	4 module 2 way 100A Isolator	1
M3CU6	6 module 4 way 100A DP Isolator	1
M3CU8	8 module 6 way 100A DP Isolator	1
M3CU10	10 module 8 way 100A DP Isolator	1
M3CU14	14 module 12 way 100A DP Isolator	1
M3CU16	16 module 14 way 100A DP Isolator	1
M3CU18	18 module 16 way 100A DP Isolator	1
M3CU21	21 module 19 way 100A DP Isolator	1

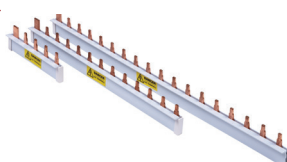


Standard of Compliance
IP20
Certified
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RCD Controlled

List No.	Description	Pack Qty
M3CU4/63	4 module 2 way 63A-30mA RCD	1
M3CU6/63	6 module 4 way 63A-30mA RCD	1
M3CU6/80	6 module 4 way 80A-30mA RCD	1
M3CU8/63	8 module 6 way 63A-30mA RCD	1
M3CU8/80	8 module 6 way 80A-30mA RCD	1
M3CU10/63	10 module 8 way 63A-30mA RCD	1
M3CU10/80	10 module 8 way 80A-30mA RCD	1
M3CU14/80	14 module 12 way 80A-30mA RCD	1
M3CU16/80	16 module 14 way 80A-30mA RCD	1

NEW RANGE



1P Pin Type 100A Busbar - Insulated

List No.	Description	Length	Pack Qty
BB5	4 usable MCB ways	90mm	1
BB13	12 usable MCB ways	230mm	1
BB18	17 usable MCB ways	330mm	1



Standard of Compliance
18th Edition (BS7671)
IP20
Certified
intertek

Dual RCD Controlled - Split Load

List No.	Description	Pack Qty
M3CU14S/263	4+4 100A DP Isolator + 2 x 63A-30mA RCD	1
M3CU14S/280	4+4 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU14S/280+	3+3+2 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU16S/263	5+5 100A DP Isolator + 2 x 63A-30mA RCD	1
M3CU16S/280	5+5 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU18S/280	6+6 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU18S/280+	5+5+2 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU21S/280	8+7 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU21S/280+	6+6+3 100A DP Isolator + 2 x 80A-30mA RCD	1
M3CU24S/280	8+10 125A DP Isolator + 2 x 80A-30mA RCD	1



Standard of Compliance
BS EN60898 & 61008
IP20
Certified
intertek

Modular Shower Units

List No.	Description	Pack Qty
M3CU3SHO/IP	63A-30mA DP RCD Incomer + 1 x 50A MCB	1



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Fused Main Switch

List No.	Description	Pack Qty
NFS100	Metal Fused Main Switch 63/80/100A Fuses	1

Consumer Units - Metal Clad



Standard of Compliance
IP20
Certified
intertek

Loaded Boards c/w MCBs

List No.	Description	Pack Qty
M3CU14S/263LD	4+4 100A Incomer + 2 x 63A-30mA RCDs c/w 8 MCBs (1x40A, 3x32A, 1x16A, 3x6A)	1
M3CU14S/280LD	4+4 100A Incomer + 2 x 80A-30mA RCDs c/w 8 MCBs (1x40A, 3x32A, 1x16A, 3x6A)	1
M3CU16S/263LD	5+5 100A Incomer + 2 x 63A-30mA RCDs c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1
M3CU18S/280LD	6+6 100A Incomer + 2 x 80A-30mA RCDs c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1
M3CU18S/280+LD	5+5+2 100A Incomer + 2 x 80A-30mA RCDs c/w 10 MCBs (1x40A, 4x32A, 2x16A, 3x6A)	1



Standard of Compliance
BS EN 60898 & 61008
IP20
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Garage Units

List No.	Description	Pack Qty
M3CU4GAR	63A-30mA DP RCD incomer + 1 x 6A + 1 x 16A MCB (4 Module)	1
M3CU4GAR/32	63A-30mA DP RCD incomer + 1 x 6A + 1 x 32A MCB (4 module)	1
M34MOD	4 Module empty enclosure	1



Standard of Compliance
BS EN 60898 & 61008
IP20
Amendment 3 Compliant

Modular Enclosures - Metal Clad

List No.	Description	Pack Qty
EM3220	2 module c/w drop lid 145x80x62mm	1
EM3220L	2 module c/w drop lid 225x80x62mm	1
EM3420	4 module c/w drop lid 175x110x62mm	1
EM3420L	4 module c/w drop lid 225x110x62mm	1

Consumer Units - Insulated



Standard of Compliance
IP55 BS EN60898 & 61008.
Certified
intertek

Garage Units IP55

List No.	Description	Pack Qty
CU5GAR	63A-30mA DP RCD Incomer + 1 x 6A + 1 x 16A MCB (5 Module)	1
CU5GAR/32	63A-30mA DP RCD Incomer + 1 x 6A + 1 x 32A MCB (5 module)	1

Miniature (MCB)



Standard of Compliance
BS EN 60898
Breaking Capacity
6kA
Certified
intertek

Single Pole

List No.	Curve	Rating	Pack Qty
MCB6B1-6	B Curve	6A	12
MCB6B1-10	B Curve	10A	12
MCB6B1-16	B Curve	16A	12
MCB6B1-20	B Curve	20A	12
MCB6B1-25	B Curve	25A	12
MCB6B1-32	B Curve	32A	12
MCB6B1-40	B Curve	40A	1
MCB6B1-50	B Curve	50A	1
MCB6B1-63	B Curve	63A	1
MCB6C1-6	C Curve	6A	1
MCB6C1-10	C Curve	10A	1
MCB6C1-16	C Curve	16A	1
MCB6C1-20	C Curve	20A	1
MCB6C1-32	C Curve	32A	1
MCB6C1-40	C Curve	40A	1
MCB6C1-50	C Curve	50A	1
MCB6C1-63	C Curve	63A	1