

## Newlec Torque Settings for Equipment.

**Use N02 Pozidrive bit only**

**Do NOT connect using power driven screwdrivers**

Newlec DCP Range	Recommended Tightening Torque	Newlec DCP Range	Recommended Tightening Torque
All Main Switches	2.3 Nm (20 ibf-in)	All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)
NLCUSW100	2.3 Nm (20 ibf-in)	NLCU2PSW/N	1.7 Nm (15 ibf-in)
All RCDs	1.7 Nm (15 ibf-in)	NLCU5PSW/N	1.7 Nm (15 ibf-in)
NLRCD2530A	1.7 Nm (15 ibf-in)	NLCU8PSW/N	1.7 Nm (15 ibf-in)
NLRCD4030A	1.7 Nm (15 ibf-in)	NLCU11PSW/N	1.7 Nm (15 ibf-in)
NLRCD6330A	1.7 Nm (15 ibf-in)	NLCU9PSL/N	1.7 Nm (15 ibf-in)
NLRCD8030A	1.7 Nm (15 ibf-in)	NLCU12PSL/N	1.7 Nm (15 ibf-in)
NLRCD10030A	1.7 Nm (15 ibf-in)	NLCU17PSL/N	1.7 Nm (15 ibf-in)
NLRCD80100A	1.7 Nm (15 ibf-in)	NLCUHI244/N	1.7 Nm (15 ibf-in)
NLRCD100100A	1.7 Nm (15 ibf-in)	NLCUHI433/N	1.7 Nm (15 ibf-in)
All MCBs	1.7 Nm (15 ibf-in)	NLCUHI465/N	1.7 Nm (15 ibf-in)
NLMB106	1.7 Nm (15 ibf-in)	NLCUHI244MCB/N	1.7 Nm (15 ibf-in)
NLMB110	1.7 Nm (15 ibf-in)	NLCUHI465MCB/N	1.7 Nm (15 ibf-in)
NLMB116	1.7 Nm (15 ibf-in)	NLCU55DRC/N	1.7 Nm (15 ibf-in)
NLMB120	1.7 Nm (15 ibf-in)	NLCU87DRC/N	1.7 Nm (15 ibf-in)
NLMB132	1.7 Nm (15 ibf-in)	NLCU2PRC/N	1.7 Nm (15 ibf-in)
NLMB140	1.7 Nm (15 ibf-in)	NLCU5PRC/N	1.7 Nm (15 ibf-in)
NLMB150	1.7 Nm (15 ibf-in)	NLCU8PRC/N	1.7 Nm (15 ibf-in)
All RCBOs	1.7 Nm (15 ibf-in)	NLCU11PRC/N	1.7 Nm (15 ibf-in)
NLRCB630A	1.7 Nm (15 ibf-in)	NLCUSHOWER/N	1.7 Nm (15 ibf-in)
NLRCB1030A	1.7 Nm (15 ibf-in)	NLCUGARAGE/N	1.7 Nm (15 ibf-in)
NLRCB1630A	1.7 Nm (15 ibf-in)	NLCU2MSW/N	1.7 Nm (15 ibf-in)
NLRCB2030A	1.7 Nm (15 ibf-in)	NLCU5MSW/N	1.7 Nm (15 ibf-in)
NLRCB3230A	1.7 Nm (15 ibf-in)	NLCU8MSW/N	1.7 Nm (15 ibf-in)
NLRCB4030A	1.7 Nm (15 ibf-in)	NLCU11MSW/N	1.7 Nm (15 ibf-in)
NLRCB630B	1.7 Nm (15 ibf-in)	NLCU2MRC/N	1.7 Nm (15 ibf-in)
NLRCB1030B	1.7 Nm (15 ibf-in)	NLCU5MRC/N	1.7 Nm (15 ibf-in)
NLRCB1630B	1.7 Nm (15 ibf-in)	NLCU8MRC/N	1.7 Nm (15 ibf-in)
NLRCB2030B	1.7 Nm (15 ibf-in)		
NLRCB3230B	1.7 Nm (15 ibf-in)		
NLRCB4030B	1.7 Nm (15 ibf-in)		
NLRCB630A/2	1.7 Nm (15 ibf-in)		
NLRCB1030A/2	1.7 Nm (15 ibf-in)		
NLRCB1630A/2	1.7 Nm (15 ibf-in)		
NLRCB2030A/2	1.7 Nm (15 ibf-in)		
NLRCB3230A/2	1.7 Nm (15 ibf-in)		
NLRCB4030A/2	1.7 Nm (15 ibf-in)		

## ABB Torque Settings

Part Number or Range	Recommended Torque Setting
S200 Series MCB	2.8Nm
S280 Series MCB	2.5Nm
S800 Series MCB	3.0 - 4.0Nm (max)
F200 Series RCCB up to 100A	2.8Nm
F200 Series RCCB 125A	3Nm
DDA Addon Block for S200 Series	2.8Nm
DDA Addon Block for S800 Series	3.0 - 4.0Nm (max)
DS201/DS202C RCBO	2.8Nm
DS271 Single module RCBO	2Nm ( top terminal ) 1.8Nm (bottom terminal)
E200 Series Switches	2.5Nm
ESB Installation contactors	1.5Nm ( Main Connections) 0.9Nm ( Coil Terminals)
AF09 - AF16 Contactors	1.5Nm ( Main Connections) 1.2Nm ( Coil Terminals)
AF26 - AF38 Contactors	2.5Nm ( Main Connections) 1.2Nm ( Coil Terminals)
A9-A16 ContactorS	1.0 - 1.2Nm ( Main connections) 1.0 - 1.2 Nm ( Coil terminals) 1.0 - 1.2 Nm ( auxiliary contacts)
A26 Contactors	1.7 - 2.2Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals) 1.7 - 2.2 Nm ( auxiliary contacts)
A30 - A40 Contactors	2.3 -2.6Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals) 1.0 - 1.2 Nm ( auxiliary contacts)
A45 - A70 Contactors	4.0 - 4.5Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals) 1.0 - 1.2 Nm ( auxiliary contacts)
A95 - A110 Contactors	6.0 - 6.5Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals) 1.0 - 1.2 Nm ( auxiliary contacts)
A145 - A185 Contactors	18.0 - 20Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals)
A210 - A300 Contactors	28.0 - 30Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals)
A400 - A460 Contactors	40.0 - 44Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals)
A580 - A1350 Contactors	45.0 - 49Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals)
EK110 Contactor	5.0 - 6Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals)
EK150 - EK1000	18.0 - 22Nm ( Main connections) 1.0 - 1.2Nm ( Coil terminals)
TF42DU.... Thermal Overloads	1.5 -2.5Nm (Main Circuit) 1.0-1.5Nm (auxiliary circuit)
TA25DU....25 Thermal overload	1.2 - 1.4Nm
TA25DU32 Thermal overload	2 - 2.4Nm
TA42DU....Thermal overload	3 - 4 Nm
TA75DU.... Thermal overload	3 - 4 Nm
TA80DU.... Thermal overload	3 - 4 Nm
TA110DU...Thermal overload	7.2 - 9.6Nm
TA200DU.... Thermal overload	12 - 16Nm
TA450DU/SU.... Thermal overload	12 - 16Nm
Compact Pushbutton	0.8Nm ( Electrical conns) 2 -2.3 Nm ( locking ring)
Compact Selector Switch	0.8Nm ( Electrical conns) 2 -2.3 Nm ( locking ring)
Compact Pilot light	0.9Nm ( Electrical conns) 2 -2.3 Nm ( locking ring)
Compact Emergency Stop	0.8 Nm ( Electrical conns) 2 -2.3 Nm ( locking ring)
Modular range Pilot devices ( All)	0.9Nm ( Electrical conns) 2 -2.3 Nm ( locking ring)
T1 MCCB ( 70mm2 Cable conns)	7Nm
T2 MCCB ( Front Bar Conns)	6Nm
T3 MCCB ( Front Bar Conns)	8Nm
T4 MCCB ( Front Bar Conns)	18Nm
T5 MCCB ( Front Bar Conns)	28Nm
T6 MCCB ( Front Bar Conns)	9Nm
T7 MCCB ( Front Bar Conns)	18Nm
OT16F.. - OT40F.. Switch Disconnecter	0.8Nm
OT63F.. - OT80F.. Switch Disconnecter	2Nm
OT100F.. - OT125F.. Switch Disconnecter	6Nm
OT160E Switch Disconnecter	6Nm
OT160EV Switch disconnecter	7Nm
OT200E - OT250E Switch Disconnecter	7Nm
OT315E - OT400E Switch Disconnecter	16Nm
OT630E - OT800E Switch Disconnecter	27Nm
OT1000E - OT3150E Switch Disconnecter	50 - 75Nm

## Crabtree Torque Settings for Equipment.

**Use N02 Pozidrive bit only**

**Do NOT connect using power driven screwdrivers**

### Loadstar & Starbreaker (Outgoing)

#### Recommended Tightening Torque

All Main Switches
All RCDs
All MCBs
All RCBOs
All Earth and Neutral Terminals

2.3 Nm (20 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)

### Loadstar 3 Phase Range

All Main Switches
All RCDs
All MCBs
All RCBOs
All Earth and Neutral Terminals

2.3 Nm (20 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)

### Loadstar Type A Range

All Main Switches
All RCDs
All MCBs
All RCBOs
All Earth and Neutral Terminals

2.3 Nm (20 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)
1.7 Nm (15 ibf-in)

### Fusestar Rotary Isolators

20Amp to 40Amp
63Amp (small enclosure)
63Amp to 125Amp

2 Nm
2 Nm
3.5 Nm

### Fusestar Switchfuses

M4
M5
M6
M8
M10
M12

1.35 Nm
5.5 Nm
9.5 Nm
17 Nm
28 Nm
45 Nm





### Powerstar 125 & SystemPowerstar MCCB Panel Boards

All Main Switches
All MCCBs
All Earth and Neutral Terminals

TBC
2.5 Nm
TBC

## Hager Torque Settings



Product					Tightening torque (N.m)			Cable Stripping (mm)
	Pz No.	(mm)	(mm)		Single cable	Multi cables	Lug	
Consumer unit terminals								
Earth and neutral terminal bars	2	6.5	-	-	2	2	-	10
Invicta type B MCB distr. board terminals								
Earth and neutral terminal bars	2	6.5	-	-	2	2	-	10
Earth bolts	-	-	-	-	-	-	13	-
Invicta MCCB panel board terminals								
Earth and neutral terminal bars	-	6.5	-	-	4 - 6.6	4 - 6.6	-	10
Earth bolts	-	-	-	-	-	-	M8 -13, M10 - 22	-
Isolation								
SB Switch disconnectors	2	6.5	-	-	3.2	3.2	-	15
Circuit protection								
MTN MCB	2	6.5	-	-	2	2	-	13
NBN/ NCN/ NDN MCB	2	6.5	-	-	2	2	-	13
HMF/ HMC/ HMD MCB	2	6.5	-	-	2	2	-	13
RCBO	2	5.5	-	-	2	2	-	13
RCCB	2	5.5	-	-	2	2	-	13
x160 MCCB	-	-	4	-	6.6	6.6	-	16
x250 MCCB	-	-	6	-	-	-	M8 -13	-
h400 - h630 MCCB	-	-	8	19	-	-	M10 - 22	-
h800 MCCB	-	-	-	19	-	-	M10 - 22	-

1st July 2011

## **MK ELECTRIC LTD TORQUE SETTINGS FOR PRODUCTS**

**USE ONLY POSTIVE BIT ONLY**

**DO NOT USE POWER DRIVEN SCREWDRIVERS**

**ALL MAIN SWITCHES**

**Recommended  
Tightening Torque**

**2-2.5Nm**

**RCBO'S  
TYPE B  
TYPE B WITH SOLID NEUTRAL  
TYPE C**

**2-2.5Nm  
2-2.5Nm  
2-2.5Nm  
2-2.5Nm**

**RCD'S  
TWO MODULE  
3 MODULE  
4 MODULE**

**2.5-3Nm  
2.5-3Nm  
2.5-3Nm**

**TIME SWITCHES  
ONE MODULE  
2 MODULE  
3 MODULE**




**2.5-3NM  
2.5-3NM  
2.5-3NM**

**TERMINAL BAR**




**1-1.5Nm**

**MCB'S  
TYPE B  
TYPE C**

**2-2.5Nm  
2-2.5Nm**




Product					Tightening torque (N.m)		Stripping (mm)
		Pz n°	(mm)	(mm)	Single cable	Multi cables	
Connection							
DB90		-	6	-	3.5	3.5	15
DDI		-	6	-	3.5	3.5	15
Circuit protection							
C32 (a, N, H)		-	5.5	-	2	2	12.5
C32H DC		-	5.5	-	2	2	12.5
C40 (Librio)		2	5.5	-	2	2	13
C45 (N, aD)		-	5.5	-	2	2	12.5
C60 ≤ 25 A	* UL1077	2	6.5	-	2/2.5 *	4	14
C60 > 25 A		2	6.5	-	3.5	4	14
C60 RCBO	Input Ph	2	6.5	-	2	2	14
	Output Ph/N	2	5.5	-	2	2	13
C60 UL489 tunnel terminal ≤ 25 A		2	6.5	-	2.5		14
C60 UL489 tunnel terminal > 25 A		2	6.5	-	3.5		14
C60 UL489 ring lug (Ø 5 mm)		2	6.5	-	2	-	-
C120 (N, H)		2	6.5	-	3.5	3.5	15
Déclic		2	5.5	-	2	2	13
DPN (a, N)		2	5.5	-	2	2	13
DT40 (ProDis)		2	5.5	-	2	2	13
DT60 (N, H) (ProDis)		2	6.5	-	3.5	4	14
i DPN (Clario)		2	5.5	-	2	2	13
IF		-	5.5	-	2		
K32a		-	5.5	-	2	2	12.5
K60N		2	6.5	-	2	4	14
NC32 (a, N)		-	5.5	-	2	2	12.5
NC45 (aD, H)		-	5.5	-	2	2	12.5
NC100 ≤ 63 A		2	6.5	-	3.5		12
NC100 > 63 A		2	6.5	-	3.5		19
NC100H UL1077 ≤ 40 A		2	6.5	-	3.5		12
NC100H UL1077 > 40 A		2	6.5	-	3.5		19
NC125 (H, N, L)		2	6.5	-	3.5		19
NG125 (a, N, H, L) ≤ 63 A		2	6.5	-	3.5	3.5	20
NG125 (a, N, H, L) > 63 A		-	-	4	6	6	20
QOE RCBO		2	5.5	-	2	2	14
SBI		2	5.5	-	2	2	
SF'clic		2	5.5	-	2	2	
SFP		2	5.5	-	2	2	
SFT		2	5.5	-	2	2	
STI		2	5.5	-	2	2	
V40H	Phase	2	6.5	-	2	2	
	Neutral	1	4	-	1.8	1.8	

	Cable (mm <sup>2</sup> )				Multi cable (mm <sup>2</sup> )		Terminals			End piece (mm <sup>2</sup> )	Tear resistance (N.m)
	Flexible		Rigid		Flexible	Rigid					
	Mini	Maxi	Mini	Maxi			Tunnel	Clamp	Guard		
	1.5	25	1.5	35			Yes				
	1.5	25	1.5	35			Yes				
	1	16	1	25			Yes		No		
	1	16	1	25			Yes		No		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	1	16	1	25			Yes		No		
	0.5	16	0.5	25	5x1.5/3x2.5/1x2.5+2x1.5	5x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.5	25	0.5	35	5x4/3x6/1x6+2x4	5x4/3x6	Yes		Yes		
	0.5	16	0.5	25	5x4/3x6/1x6+2x4	5x4/3x6	Yes		Yes		Ditto C60
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		100
	1	16	1	25			Yes		Yes		
	1	25	1	35			Yes		Yes		
	-	-	-	-	-	-	-	Lug	-		
	1	35	1.5	50	3x10/2x16/3x16	3x10/2x16	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		100
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.5	25	0.5	35	5x4/3x6/1x6+2x4	5x4/3x6	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
				16				Yes			
	1	16	1	25			Yes		No		
	0.5	16	0.5	25	5x1.5/3x2.5/1x2.5+2x1.5	5x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	1	16	1	25			Yes		No		
	1	16	1	25			Yes		No		
	1	25	1	35			Yes		Yes		
	6	35	10	50			Yes		No		
	1	25	1	35			Yes		Yes		
	6	35	10	50			Yes		No		
	6	35	10	50			Yes		No		
	1	35	1.5	50	3x10/2x16/3x16	3x10/2x16	Yes		Yes		
	10	50	16	70	3x10/2x16/4x10/3x16/2x25	3x10/2x16/2x35	Yes		Yes		
	1	16	1	16			Yes		Yes		
				25			Yes				
	0.33	6	0.75	10	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	6	0.75	10	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	6	0.75	10	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	6	0.75	10	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		

Product					Tightening torque (N.m)		Stripping (mm)
		Pz n°	(mm)	(mm)	Single cable	Multi cables	
Earth leakage protection							
Déclic Vigi		2	5.5	-	2	2	13
DPN Vigi (a, N)		2	5.5	-	2	2	13
ID'cl'ic comb busbar direct connection		2	5.5	-	2	2	13
ID'cl'ic cable connection		2	5.5	-	3.5	3.5	13
ID'cl'ic 63 A (incomer, feeder, see P'cl'ic)		2	5.5	-	3.5	3.5	13
ITG (ProDis) IDc (Clario) IC40 (Librio)		2	5.5	-	2	2	13
P'cl'ic		2	5.5	-	2	2	13
RCCB-80/100/125 A		2	6.5	-	3	3	11
RCCB-ID		2	6.5	-	3.5	3.5	15
RCCB-ID FI biconnect		2	6.5	-	3.5	3.5	15
RCCB-type B 63 A		2	6.5	-	3.5	3.5	15
Vigi C32, Vigi C45 and Vigi XC40	40 A	-	5.5	-	1.2	1.2	12.5
Vigi C40 (Librio)		2	5.5	-	2	2	13
Vigi C60 (Librio)		2	5.5	-	2	2	13
Vigi C60 c (Clario)		2	5.5	-	2	2	13
Vigi C60 ≤ 25 A		2	6.5	-	2	4	14
Vigi C60 ≤ 40 A and ≤ 63 A		2	6.5	-	3.5	4	14
Vigi C63		2	6.5	-	3.5	3.5	
Vigi C120		2	6.5	-	3.5	3.5	15
Vigi DT40 (ProDis)		2	5.5	-	2	2	13
Vigi i DPN (Clario)		2	5.5	-	2	2	13
Vigi NC100 ≤ 63 A		2	6.5	-	3.5		12
Vigi NC100 > 63 A		2	6.5	-	3.5		19
Vigi NC125		2	6.5	-	3.5		19
Vigi NG125 ≤ 63 A		2	6.5	-	3.5	3.5	20
Vigi NG125 > 63 A		-	-	4	6	6	20
Vigi TG60 (ProDis)		2	5.5	-	2	2	13
Control, Remote control							
I 20...32 A		1	5	-	1.8	1.8	10
I 40...125 A		2	6.5	-	4.5	4.5	
I-NA		2	6.5	-	3.5	3.5	15
IB		2	5.5	-	2		
NG125NA ≤ 63 A		2	6.5	-	3.5	3.5	20
NG125NA > 63 A		-	-	4	6	6	20
TC16/TC16P	Power	-	4	-	1.8	1.8	12.5
	Control	-	-	-	-	-	-
TmC60/C120		1	4	-	1	1	10
XC40	Power	-	4	-	1.8	1.8	13.2
	Control, signal	-	3.5	-	0.4	0.4	
Motor protection							
C60 LMA ≤ 10 A		2	6.5	-	2	4	14
C60 LMA > 12,5 A		2	6.5	-	3.5	4	14
NC100 LMA		2	6.5	-	3.5		19
NG125 LMA ≤ 63 A		2	6.5	-	3.5	3.5	20
NG125 LMA > 63 A		-	-	4	6	6	20
P25M		2	5.5	-	1.7		
Load protection							
PE		2	6.5		2	2	11
PF15/8	Ph/N	2	6.5	-	1.2	1.2	11
	Earth	2	6.5	-	2	2	11
PF65/30	Ph/N	2	6.5	-	2	2	16
	Earth	2	6.5	-	3.5	3.5	16
PRC		-	3.5	-	0.4	0.4	6
PRD		2	6.5	-	2	2	14
PRF1/L40A		2	6.5	-	3	3	14.5
PRI		-	3.5	-	0.4	0.4	6
ST single pole		2	6.5	-	2	2	14
ST multi-pole	Ph/N	2	6.5	-	2	2	14
	Earth	2	6.5	-	3.5	3.5	17



	Cable (mm <sup>2</sup> )				Multi cable (mm <sup>2</sup> )		Terminals			End piece (mm <sup>2</sup> )	Tear resistance (N.m)
	Flexible		Rigid		Flexible	Rigid	Tunnel	Clamp	Guard		
	Mini	Maxi	Mini	Maxi							
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	1	10	1	16			Yes		Yes		
	1	35	1	50			Yes		Yes		
	1	35	1	50			Yes		Yes		
	1	10	1	16			Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	1	35	1	50	2x1.5 to 16	2x1.5 to 16	Yes	Yes	No		100
	1	35	1	50			Yes		Yes		100
	1	35	1	50			Yes	Yes	Yes		100
	1	25	1	35			Yes				100
				10			Yes		No		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.5	16	0.5	25	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.5	25	0.5	35	5x4/3x6/1x6+2x4	5x4/3x6	Yes		Yes		
	1	35	1.5	50	3x10/2x16/3x16	3x10/2x16	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	1	25	1	35			Yes				
	6	35	10	50			Yes		No		
	6	35	10	50			Yes		No		
	1	35	1.5	50	3x10/2x16/3x16	3x10/2x16	Yes		Yes		
	10	50	16	70	3x10/2x16/4x10/3x16/2x25	3x10/2x16/2x35	Yes		Yes		
	0.33	10	0.75	16	4x1.5/3x2.5/1x2.5+2x1.5	4x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	1.5	10	1.5	10	2x2.5	2x2.5	Yes		Yes		
	2.5	35	6	50			Yes		No		
	1	35	1	50			Yes				
		10		10			Yes				
	1	35	1.5	50	3x10/2x16/3x16	3x10/2x16	Yes		Yes		
	10	50	16	70	3x10/2x16/4x10/3x16/2x25	3x10/2x16/2x35	Yes		Yes		
		16		25			Yes		No		
	-	-	-	-			-	-	-	Fast-on 2.5	
		6		6	2x1.5/2x2.5	2x1.5/2x2.5	Yes				
		16		25			Yes		No		
				1.5			Yes		No		
	0.5	16	0.5	25	5x1.5/3x2.5/1x2.5+2x1.5	5x1.5/3x2.5/1x2.5+2x1.5	Yes		Yes		
	0.5	25	0.5	35	5x4/3x6/1x6+2x4	5x4/3x6	Yes		Yes		
	1	25	1	35			Yes		No		
	1	35	1.5	50	3x10/2x16/3x16	3x10/2x16	Yes		Yes		
	10	50	16	70	3x10/2x16/4x10/3x16/2x25	3x10/2x16/2x35	Yes		Yes		
	2x1.5	2x6	2x1	2x6				Yes			
		16		25			Yes		Yes	16	135
		10		16			Yes		Yes	10	100
		16		25			Yes		Yes	16	135
		16		25			Yes		Yes	16	135
		35		50			Yes		Yes	35	236
	0.5	2.5	0.5	2.5			Yes		No	1.5	50
	2.5	16	2.5	25	2x(2.5-6)	2x(2.5-10)	Yes		No	16	135
	10	35	10	50			Yes		No		235
	0.5	2.5	0.5	2.5			Yes		No	1.5	50
	2.5	16	2.5	25	2x(2.5-6)	2x(2.5-10)	Yes		No	16	135
	2.5	16	2.5	25	2x(2.5-6)	2x(2.5-10)	Yes		No	16	135
	2.5	35	2.5	50	2x(2.5-10)	2x(2.5-16)	Yes		No	35	236

Product		 Pz n°	 (mm)	 (mm)	Tightening torque (N.m)		Stripping (mm)
					Single cable	Multi cables	
Auxiliaries							
ATm (Tm)		1	4	-	1	1	
C60 neutral disconnector		1	5.5	-	1.8	1.8	
EM/RM		-	3.5	-	0.6	0.6	
Limiting module (P25M)		2	5.5	-	1.7	-	
MDU, MDI			3.5	-	1	1	
MN (C32, NC100, NC125, XC40)		-	3.5	-	1	1	
MN (C60, C120, ID, DPN)		1	5	-	1	1	9
MN (NG125)		1	4	-	1	1	10
MNx (C60, C120, ID, DPN)		1	4	-	1	1	9
MSU (C60, C120, ID, DPN)		1	4	-	1	1	9
MX+OF (C32, NC100, NC125, XC40)		-	3.5	-	1	1	
MX (C60, C120, ID, DPN)		1	5	-	1	1	9
MX+OF, MX (C60, C120, ID, DPN)		1	5	-	1	1	9
MX+OF (NG125)		1	4	-	1	1	10
MXV (NG125)		1	5	-	1		10
NO/NF (switch I)		1	5	-	1.8	1.8	10
O+F, SD, MN, MX (P25M)		1	4	-	1.4	-	
OF (C32, NC100, NC125, TC16)		-	3.5	-	1	1	
OF (C60, C120, ID, DPN)		1	4	-	1	1	9
OFsp (RCCB 80/100/125 A aux.)		1	4	-	0.8		8
OF+OF (NG125)		1	4	-	1	1	10
OF+SD (NG125)		1	4	-	1	1	10
OF+SD/OF (C60, C120, ID, DPN)		1	4	-	1	1	9
OF+SD/OF (NG125)		1	4	-	1	1	10
OF.S (ID)		1	4	-	1	1	10
SD (C32, NC100, NC125, TC16)		-	3.5	-	1	1	
SD (C60, C120, ID, DPN)		1	4	-	1	1	9
SDV (NG125)		1	5	-	1		10
Accessories							
3-hole distribution terminal 19091-19096		1	5.5	-	2		10
Connection kit for UL1077	Fixing on C60	2	6.5	-	3.5	-	-
	Ring lug Ø 5	2	6.5	-	2	2	-
Connector Barclie (14875)		2	6.5	-	2.5	2.5	14
Connector C60 (26998)				-			
Connector NC100-125 (27153)				-			
Connector NC100-125 (27148-27149)				5			
Connector NC100 aux. circuit rebranching				-			
Connector ProDis, Clario, Libro		2	6.5	-	2.5	2.5	14
Connector STI (14885)		2	6.5	-	2.5	2.5	14
Contact PF65r/30r		-	3.5	-	0.4	0.4	
Contact PRDr		-	3.5	-	0.4	0.4	
Dividable mounting plate		2	6.5	-	3.5	4	14
Screws nuts (NG125) 19093 (Ø 6 mm)		-	-	4	6	6	
Terminal for alu cable 27060		-	-	5	5		18
Terminal for rear connection 18528		-	-	13 flat	5		
Terminal for alu cable (NG125) 19095		-	-	4	6		
Terminal block, connector, limiting device P25M		1	4	-	1.4	-	
Transfer contact (Vigi NG125 I/S/R) SCF		1	5	-	1	1	10
Voltage tap (DJ NG125)		-	-	-	-	-	-

	Cable (mm²)				Multi cable (mm²)		Terminals			End piece (mm²)	Tear resistance (N.m)
	Flexible		Rigid		Flexible	Rigid	Tunnel	Clamp	Guard		
	Mini	Maxi	Mini	Maxi							
		2x1.5		2x2.5			Yes		Yes		
		2.5		2.5			Yes		No		
		25					Yes				
	0.5	2.5	0.5	2.5	2x1.5	2x1.5	Yes		No		
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	1.5	10	1.5	10	2x1.5	2x2.5	Yes		Yes		
					2x2.5/2x1.5 with end	2x1		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	1.5	0.5	1.5				Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	0.5	2.5	0.5	2.5	2x1.5	2x1.5		Yes			
	1.5	10	1.5	10	2x1.5	2x2.5		Yes			
	1	10	1.5	16						Ø 4 mm	
	-	-	-	-	-	-	Yes	-	-		
	-	-	-	-	-	-	-	Yes	-	Ring lug	
	1.5	16	1.5	35	5x1.5/3x2.5/1x2.5+2x1.5	5x1.5/3x2.5/1x2.5+2x1.5			No	10	100
				35							
				50							
				70							
				2.5							
	1.5	16	1.5	25	5x1.5/3x2.5/1x2.5+2x1.5	5x1.5/3x2.5/1x2.5+2x1.5	Yes		No	10	100
	1.5	16	1.5	25	5x1.5/3x2.5/1x2.5+2x1.5	5x1.5/3x2.5/1x2.5+2x1.5	Yes		No	10	100
	0.5	1.5	0.5	1.5			Yes				
	0.5	1.5	0.5	1.5			Yes				
	0.5	25	0.5	35	5x4/3x6/1x6+2x4	5x4/3x6					
		35		50							
	16	50	16	50							
	2.5	50	2.5	50							
	25	70	25	70							
	1.5	25	1.5	25	2x10	2x10					
	0.5	1.5	0.5	1.5				Yes			
	-	-	-	-	-	-	-	-	-	Fast-on 6.35	

**Volex Torque Settings for Equipment.**

**Use N02 Pozidrive bit only**

**Do NOT connect using power driven screwdrivers**

VCU Range	Recommended Tightening Torque
All Main Switches	2.3 Nm (20 ibf-in)
All RCDs	1.7 Nm (15 ibf-in)
All MCBs	1.7 Nm (15 ibf-in)
All RCBOs	1.7 Nm (15 ibf-in)
All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)

Wylex Torque Settings for Equipment.

Use N02 Pozidrive bit only

Do NOT connect using power driven screwdrivers

NH & VCU Range	Recommended Tightening Torque
All Main Switches	2.3 Nm (20 ibf-in)
All RCDs	1.7 Nm (15 ibf-in)
All MCBs	1.7 Nm (15 ibf-in)
All RCBOs	1.7 Nm (15 ibf-in)
All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)

Standard Range	
All Main Switches	2.3 Nm (20 ibf-in)
All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)

NH 3 Phase Range	
All Main Switches	2.3 Nm (20 ibf-in)
All RCDs	1.7 Nm (15 ibf-in)
All MCBs	1.7 Nm (15 ibf-in)
All RCBOs	1.7 Nm (15 ibf-in)
All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)

NH Type A Range	
All Main Switches	2.3 Nm (20 ibf-in)
All RCDs	1.7 Nm (15 ibf-in)
All MCBs	1.7 Nm (15 ibf-in)
All RCBOs	1.7 Nm (15 ibf-in)
All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)

NHSF Rotary Isolators	
20Amp to 40Amp	2 Nm
63Amp (small enclosure)	2 Nm
63Amp to 125Amp	3.5 Nm

NH Switchfuses	
M4	1.35 Nm
M5	5.5 Nm
M6	9.5 Nm
M8	17 Nm
M10	28 Nm
M12	45 Nm

NH MCCB Panel Boards	
All Main Switches	TBC
All MCCBs	2.5 Nm
All Earth and Neutral Terminals	TBC