ABB Torque Setting

S200 Series MCB	2.8 Nm
S280 Series MCB	2.5 Nm
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 (au
A26 Contactors	1.7 - 2.2Nm (Main connections) 1.0 - 1.2Nm (Coil terminals) 1.7 - 2.2 Nm (aux
A30 - A40 Contactors	2.3 -2.6Nm (Main connections) 1.0 - 1.2Nm (Coil terminals) 1.0 - 1.2 Nm (aux
A45 - A70 Contactors	4.0 - 4.5Nm (Main connections) 1.0 - 1.2Nm (Coil terminals) 1.0 - 1.2 Nm (aux
A95 - A110 Contactors	6.0 - 6.5Nm (Main connections) 1.0 - 1.2Nm (Coil terminals) 1.0 - 1.2 Nm (aux
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 Disconnector	0.8Nm
OT63F.. - OT80F.. Switch Disconnector	2Nm
OT100F.. - OT125F.. Switch Disconnector	6Nm
OT160E Switch Disconnector	6Nm
OT160EV Switch disconnector	7Nm
OT200E - OT250E Switch Disconnector	7Nm
OT315E - OT400E Switch Disconnector	16Nm

OT630E - OT800E Switch Disconnector	27Nm
OT1000E - OT3150E Switch Disconnector	50 - 75Nm
ABB torque settings	

Crabtree Torque Settings

Loadstar & Starbreaker (Outgoing)

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)

Loadstar 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)

Loadstar 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)

Fusestar Rotary Isolators

20Amp to 40Amp	2 Nm
63Amp (small enclosure)	2 Nm
63Amp to 125Amp 3.	5 Nm

Fusestar Switchfuses

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

Powerstar 125 & SystemPowerstar MCCB Panel Boards

All Main Switches	TBC
All MCCBs	2.5 Nm
All Earth and Neutral Terminals	TBC

Eaton Moeller torque settings

PLS6 MCBs	2.4Nm(max)
PLSM MCBs	2.4Nm(max)
PLHT MCBs	2.4Nm(max)
PFIM RCCBs	2.4Nm(max)
PKS6 and PKSM RCBOs	2.4Nm(max)
IS Isolators	2.5 - 5.0Nm (max)
Z-RE relays	0.8Nm (max)
Z-SCH contactors	0.6Nm (max)

Eaton torque settings

Eaton EAD MCBs	2.4Nm(max)
Eaton EMBH/EMCH/EMDH MCBs	2.4Nm(max)
Eaton EMBS/EMCS/EMDS MCBs	2.4Nm(max)
Eaton AM RCCBs	2.4Nm(max)
Eaton RCBOs	2.4Nm(max)
Eaton EMS Isolators	2.5 - 5.0Nm (max)
Eaton TAD/TAW / TDW / TE timers	0.8Nm (max)
Eaton CR contactors	0.6Nm (max)
Eaton Consumer unit N/E terminals	2.0Nm (max)

Hager torque settings

Consumer unit terminals	
Earth & neutral terminal bars	2Nm
Invicts type B MCB distribution board terminals	
Earth & neutral terminal bars	2Nm
Earth bolts	13Nm
Invicta MCCB panel board terminals	
Earth & neutral terminal bars 4	4-6.6Nm
Earth bolts	M8 - 13Nm, M10 - 22Nm
Isolation	
SB switch disconnectors	3.2Nm
Circuit protection	
MTN MCB	2Nm
NBN / NCN / NDN MCB	2Nm
HMF / HMC / HMD MCB	2Nm
RCBO	2Nm
RCCB	2Nm
x160 MCCB	6.6Nm
x250 MCCB	M8 - 13Nm
h400 - h630 MCCB	M10 - 22Nm
h800 MCCB	M10 - 22Nm

MK Electric torque settings

ALL MAIN S	2-2.5Nm
	2-2.5Nm
	2-2.5Nm
TYPE B WITH SOLID	2-2.5Nm
	2-2.5Nm
	2.5-3Nm
TWO	2.5-3Nm
3	2.5-3Nm
4	2.5-3NM
TIME S	2.5-3NM
ONE	2.5-3NM
2	2.5-3NM
3	2.5-3NM
TERMINAL BAR	1-1.5Nm
MCB'S	
TYPE B	2.5-3NM
TYPE C	2.5-3NM

Newlec torque settings

All Main Switches	2.3 Nm (20 ibf-in)
NLCUSW100	2.3 Nm (20 ibf-in)
All RCDs	1.7 Nm (15 ibf-in)
NLRCD2530A	1.7 Nm (15 ibf-in)
NLRCD4030A	1.7 Nm (15 ibf-in)
NLRCD6330A	1.7 Nm (15 ibf-in)
NLRCD8030A	1.7 Nm (15 ibf-in)
NLRCD10030A	1.7 Nm (15 ibf-in)
NLRCD80100A	1.7 Nm (15 ibf-in)
NLRCD100100A	1.7 Nm (15 ibf-in)
All MCBs	1.7 Nm (15 ibf-in)
NLMB106	1.7 Nm (15 ibf-in)
NLMB110	1.7 Nm (15 ibf-in)
NLMB116	1.7 Nm (15 ibf-in)
NLMB120	1.7 Nm (15 ibf-in)
NLMB132	1.7 Nm (15 ibf-in)
NLMB140	1.7 Nm (15 ibf-in)
NLMB150	1.7 Nm (15 ibf-in)
All RCBOs	1.7 Nm (15 ibf-in)
NLRCB630A	1.7 Nm (15 ibf-in)
NLRCB1030A	1.7 Nm (15 ibf-in)
NLRCB1630A	1.7 Nm (15 ibf-in)
NLRCB2030A	1.7 Nm (15 ibf-in)
NLRCB3230A	1.7 Nm (15 ibf-in)
NLRCB4030A	1.7 Nm (15 ibf-in)
NLRCB630B	1.7 Nm (15 ibf-in)
NLRCB1030B	1.7 Nm (15 ibf-in)
NLRCB1630B	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)
All Earth and Neutral Terminals	1.7 Nm (15 ibf-in)
NLCU2PSW/N	1.7 Nm (15 ibf-in)
NLCU5PSW/N	1.7 Nm (15 ibf-in)
NLCU8PSW/N	1.7 Nm (15 ibf-in)
NLCU11PSW/N	1.7 Nm (15 ibf-in)
NLCU9PSL/N	1.7 Nm (15 ibf-in)
NLCU12PSL/N	1.7 Nm (15 ibf-in)
NLCU17PSL/N	1.7 Nm (15 ibf-in)
NLCUHI244/N	1.7 Nm (15 ibf-in)
NLCUHI433/N	1.7 Nm (15 ibf-in)
NLCUHI465/N	1.7 Nm (15 ibf-in)
NLCUHI244MCB/N	1.7 Nm (15 ibf-in)
NLCUHI465MCB/N	1.7 Nm (15 ibf-in)
NLCU55DRC/N	1.7 Nm (15 ibf-in)
NLCU87DRC/N	1.7 Nm (15 ibf-in)

NLCU2PRC/N	1.7 Nm (15 ibf-in)
NLCU5PRC/N	1.7 Nm (15 ibf-in)
NLCU8PRC/N	1.7 Nm (15 ibf-in)
NLCU11PRC/N	1.7 Nm (15 ibf-in)
NLCUSHOWER/N	1.7 Nm (15 ibf-in)
NLCUGARAGE/N	1.7 Nm (15 ibf-in)
NLCU2MSW/N	1.7 Nm (15 ibf-in)
NLCU5MSW/N	1.7 Nm (15 ibf-in)
NLCU8MSW/N	1.7 Nm (15 ibf-in)
NLCU11MSW/N	1.7 Nm (15 ibf-in)
NLCU2MRC/N	1.7 Nm (15 ibf-in)
NLCU5MRC/N	1.7 Nm (15 ibf-in)
NLCU8MRC/N	1.7 Nm (15 ibf-in)

Volex torque settings

VCU 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)

Wylex torque settings

NH & VCU 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)
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	2.5 Nm
All Earth and Neutral Termin	TBC