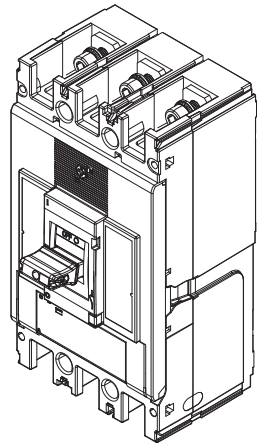


INSTALLATION INSTRUCTIONS MOULDED CASE CIRCUIT BREAKERS TEMBREAK PRO P630 3P THERMAL MAGNETIC



NHP Electrical Engineering Products Pty Ltd
A.B.N. 84 004 304 812
AUS 1300 NHP NHP | nhp.com.au
NZ 0800 NHP NHP | nhp-nz.com

TOOLS REQUIRED (NOT included)

- T1 Screwdriver Flathead (5mm)
- T2 Screwdriver Phillips (#2)
- T3 19mm Socket wrench
- T4 8mm Allen key Socket wrench
- T5 19mm Ring Spanner

HARDWARE (included)

- A M10x30 Socket Screw (6 qty)
- B M10 spring washer (6 qty)
- C M10 flat washer (6 qty)
- D M6x100 mounting screws (4 qty)
- E Interpole Barriers (2 qty)
- Instruction Manual (This Document)

HARDWARE (NOT included)

- F Cable Lug or Copper Bar
- G *M12x40 hex bolt (6 qty)
- H *M12 flat washer (6 qty)
- I *M12 Belleville washer (6 qty)
- J *M12 nut (6 qty)

*For extension bar connection only

OPTIONAL (NOT included)

- K Extension Bars
- L Terminal Covers
- M Terminal Cover Lock
- N Handle Lock
- Internal Accessories

MOUNTING ANGLES

MOUNTING

TORQUE 4.6 - 6 Nm

DIMENSIONS

116, 184, 90, 51, 82, 14.7, 97, 103, 107, 130, 151 (With handle cap), 140, 90

CLEARANCE

BR₁, BR₂ = Adjacent Isolators / MCCBs

MCCB Cat No.	Y min (mm)	Z min (mm)
P630E	0	80
P630F	0	80
P630N	0	80
P630H	0	80
P630S	0	80

CLEARANCE

INSULATION PLATE, TOP PLATE (EARTHED METAL), X₁, X₂, W*

*distance from conductor insulation to downstream MCCB

MCCB Cat No.	W* min (mm)	X ₁ min (mm)	X ₂ min (mm)
P630E	100	80	60
P630F	100	80	60
P630N	100	80	60
P630H	100	80	60
P630S	120	120	80

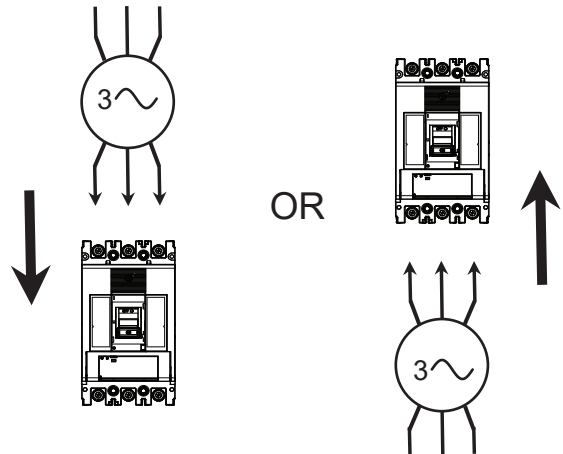
P630_3_TM-IN-001-EN V1.0.0

OPERATING INSTRUCTIONS

Operation Force (Nm)

OFF → ON	150
ON → OFF	130
TRIP → OFF	162

DIRECTION OF POWER SUPPLY



INTERNAL ACCESSORIES ASSEMBLY PROCEDURE*

STEP 1 TRIP MCCB

STEP 2 OPEN COVER

STEP 3 IDENTIFY TRIP BAR & MECHANISM

STEP 4.1 UVT/SHUNT INSTALLATION

STEP 4.2 ALARM INSTALLATION

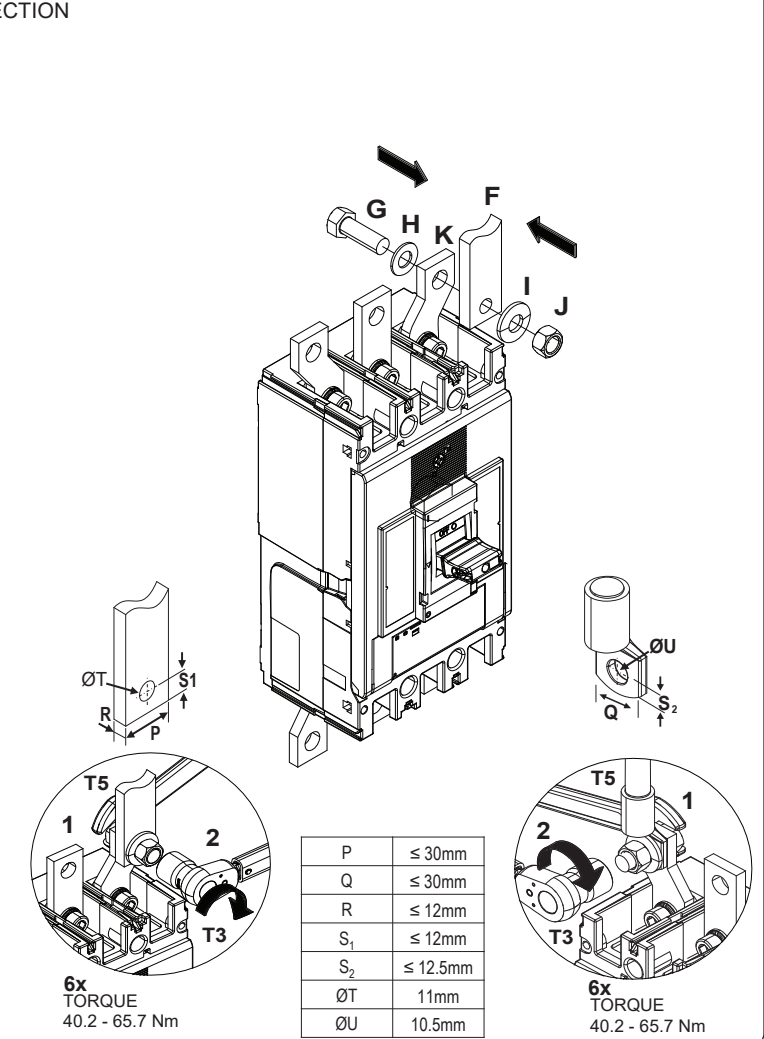
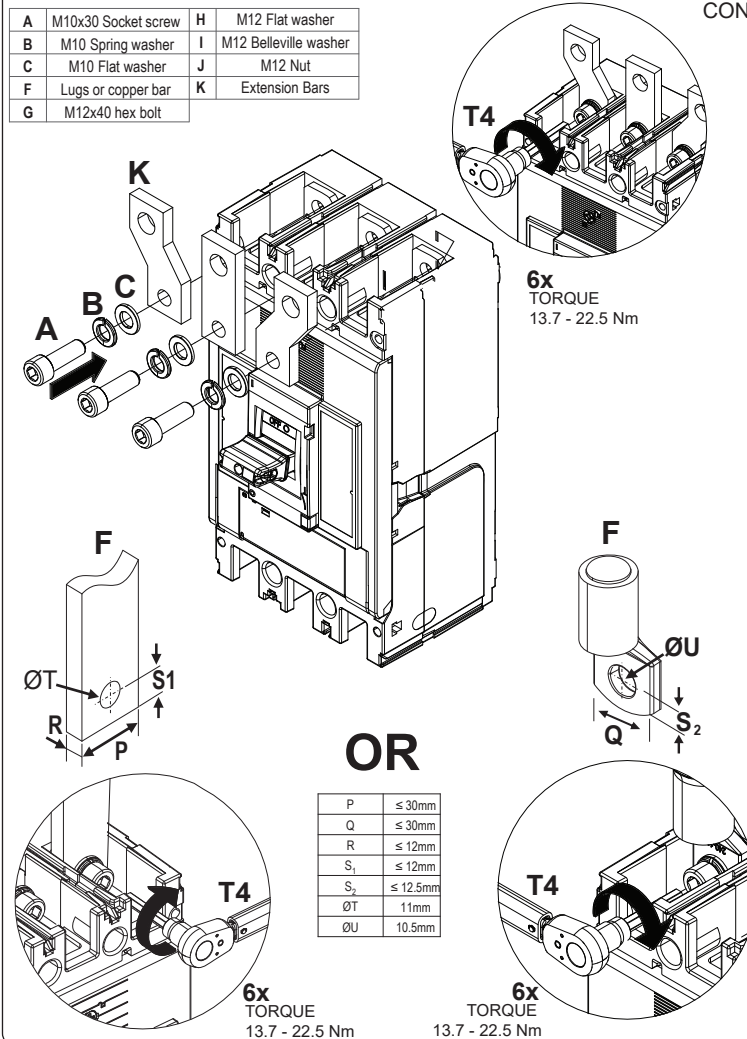
STEP 5 CLOSE MCCB COVER

*For additional internal accessory installations, scan QR code and refer to user manual for more details

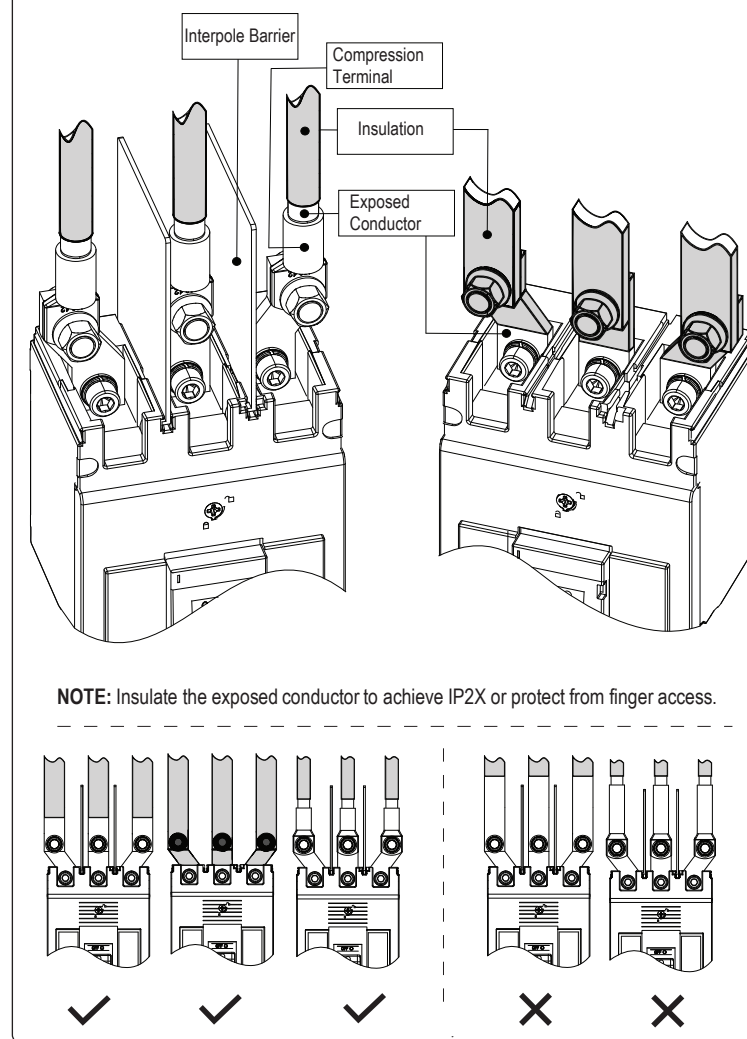
CONDUCTOR CONNECTION PROCEDURE --

FRONT CONNECTION -- EXTENSION BAR CONNECTION PROCEDURE

A	M10x30 Socket screw	H	M12 Flat washer
B	M10 Spring washer	I	M12 Belleville washer
C	M10 Flat washer	J	M12 Nut
F	Lugs or copper bar	K	Extension Bars
G	M12x40 hex bolt		



TOPSIDE INSULATION RECOMMENDATIONS – 415 / 440V AC



TRIP UNIT ADJUSTMENT PROCEDURE

