

CHT ELECTRIC
PRODUCT DATA SHEET
INSTALLATION GUIDE



DGB1-63 MCB

Specifications

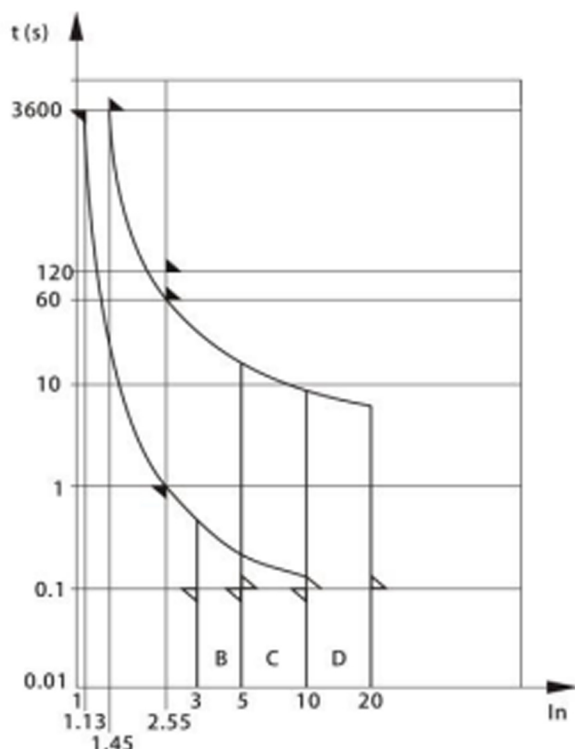
- Standards: IEC60898-1/AS/NZS 60898.1:2004
- Approvals: CE,CB,SEMKO,SAA
- Rated current I_n (A) : 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
- Rated voltage U_n (VAC): 230/400
- Operational voltage (VAC): Min. 24 Max. 250/440
- Rated frequency (Hz): 50/60
- Rated insulation voltage (VAC): 500
- Number of poles: 1, 2, 3, 4

• Tripping characteristic	IEC60898-1
Characteristic curve B(I_n)	3-5
Characteristic curve C(I_n)	5-10
Characteristic curve D(I_n)	10-20

- Thermal operating limit (I_n): 1.13 -1.45
- Rated switching capacity I_{cn} (kA): 6
- Degree of protection: IP20, with connected conductors
- Electrical life (times): 10,000
- Mechanical life (times): 20,000
- Breaking Capacity:

Model	Rated voltage		Acc.to I_{cn} (kA)
		(V)	
DGB1-63	1P	230/400	6
	2-4P	400	6
DGB1-63H	1P	230/400	10
	2-4P	400	10

- Fire resistance according to UL 94: V0
- Mounting position: Any
- Conductor cross-sections
- Solid and stranded (mm^2): 0.75-35
- Finely stranded with end sleeve (mm^2): 0.75-25
- Terminal tightening torque (N •m): 2.8
- Ambient temperature($^{\circ}C$): -25 ~ +45, max. 95 % humidity
- Storage temperature ($^{\circ}C$): -40 ~ +75
- Altitude (meters): Max 2,000



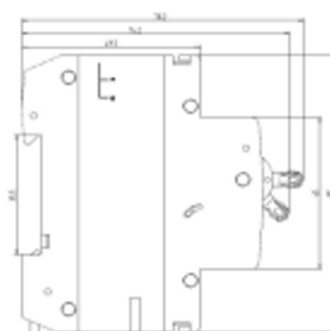
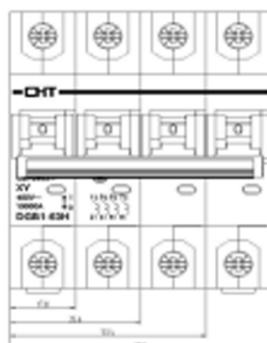


Fully certified to all relevant Australian standards



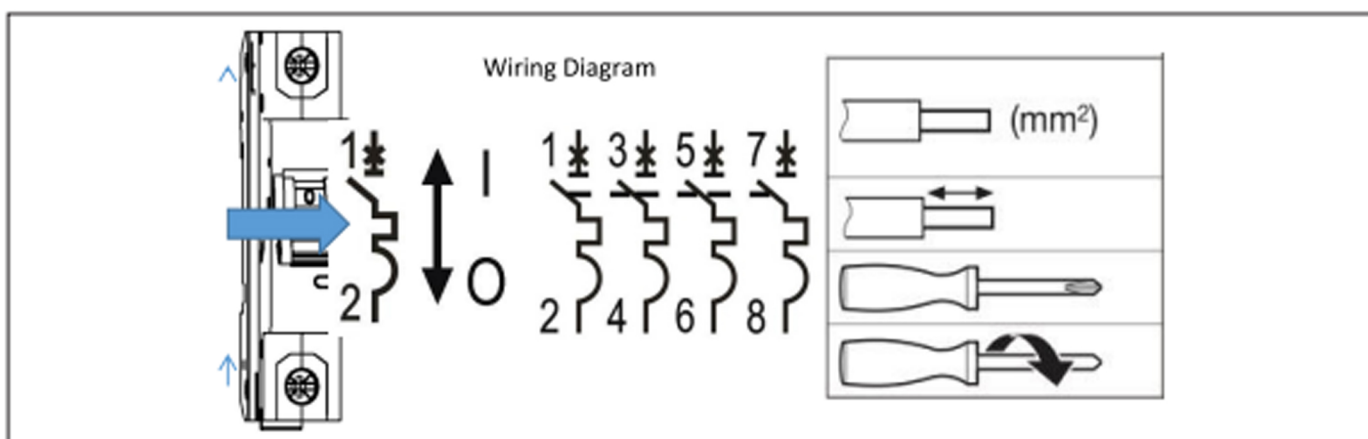
WARNING

Must be installed by a licensed electrical contractor or licensed electrician only.

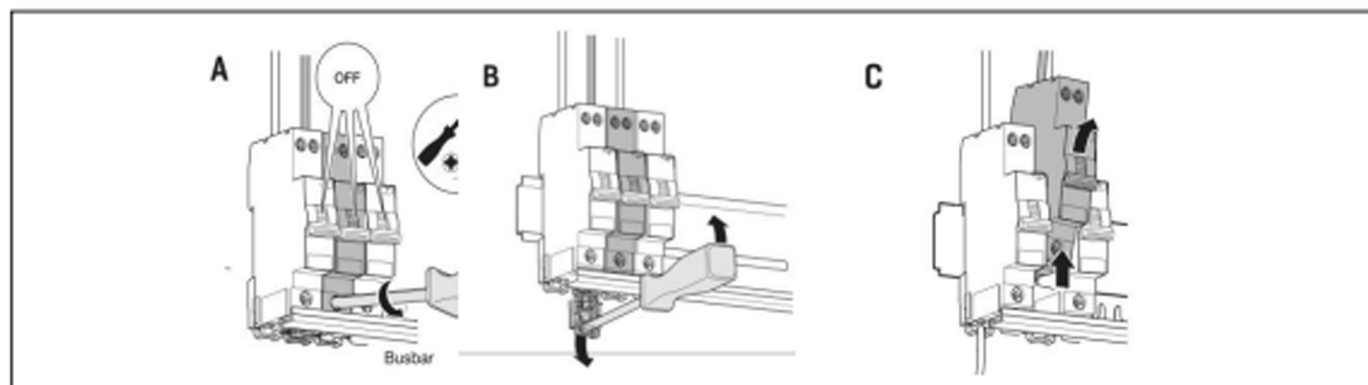


Electrical Connection Note:

1. A MCB must be installed by a licensed electrical contractor or electrician only in
2. Ensure a right ampere is chosen for the circuit before wiring and break -close the knob by hand to ensure it
3. Ensure no power or electricity is connected during installation to avoid electric
4. Don't connect live wire to live wire or live wire to neutral directly under any
5. Use 2.8N.m torque and make sure the wires are well tightened.
6. A wet hand is strictly forbidden during installation
7. Please use insulation protection for exposed wires or copper busbar to avoid short circuit



Removing MCB from DIN rail ,after busbar is installed



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