





HDB3w Miniature Circuit Breaker

Standard: IEC/EN60898-1



Functions and Features

Electrical Characteristics

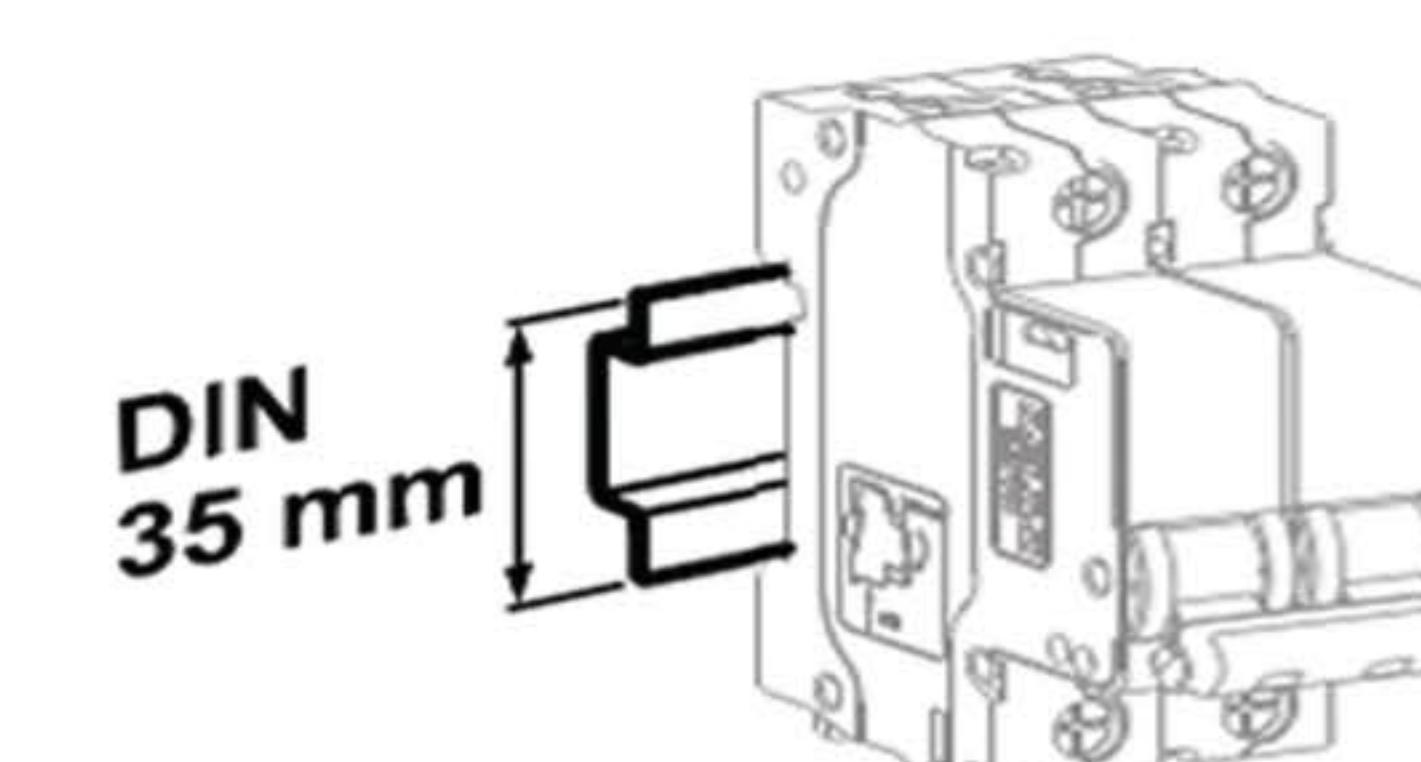
Rated insulation voltage U_i	(V)	250 (phase-to-ground) 500 (phase-to-phase)
Maximum working voltage U_{Bmax}	1P, 1P+N (V) 2P, 3P, 4P, 3P+N (V)	240/415 AC 415 AC
Rated short-circuit capacity I_{cn} (IEC/EN60898)	(kA)	3, 4.5, 6
Rated impulse withstand voltage U_{imp} (1.2/50)	(kA)	4
Dielectric test voltage		2kV (50/60HZ, 1min)
Over-voltage category		II
Isolating function		Available
Pollution class		2
Electric shock protection grade		II
Trip type:		Thermal magnetic trip
Thermal magnetic trip characteristics:	Type B curve ($3I_n \sim 5I_n$) Type C curve ($5I_n \sim 10I_n$) Type D curve ($10I_n \sim 14I_n$)	  
Electrical and mechanical accessories		

Mechanical Characteristics

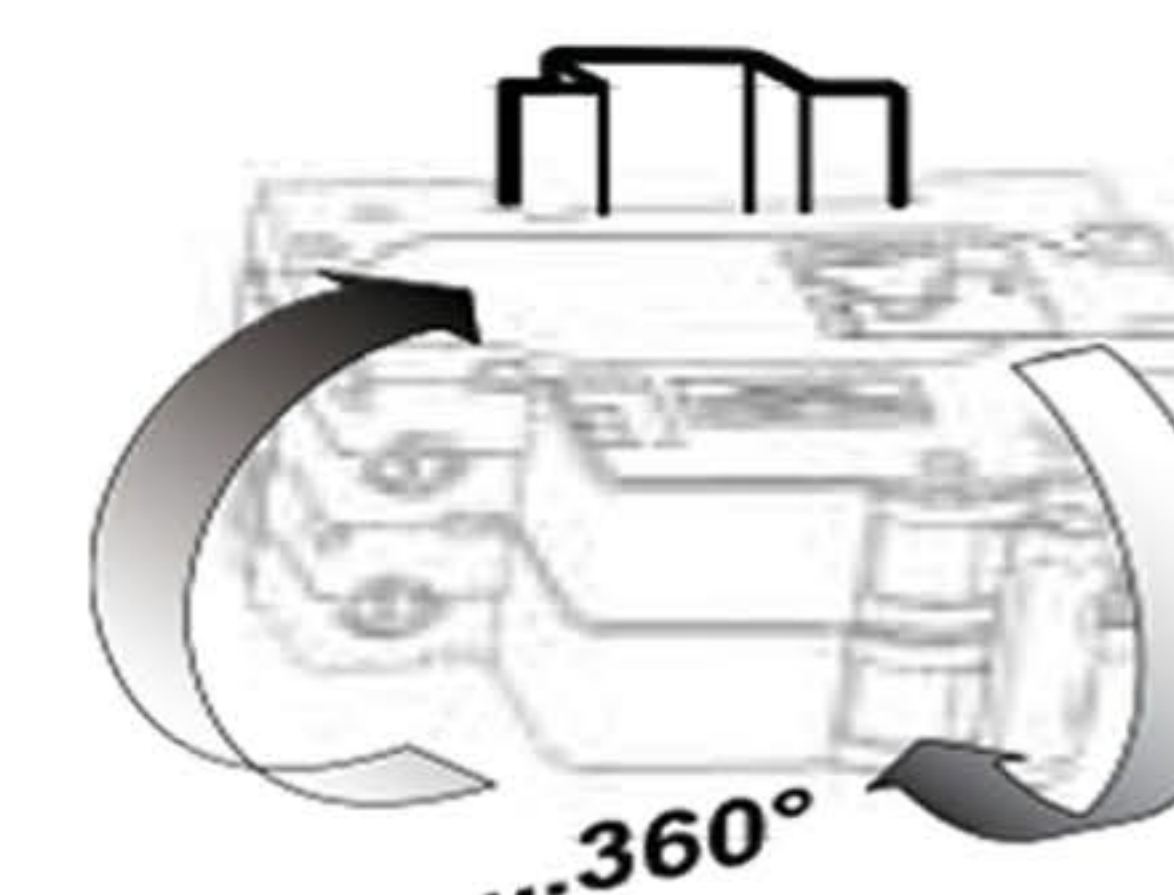
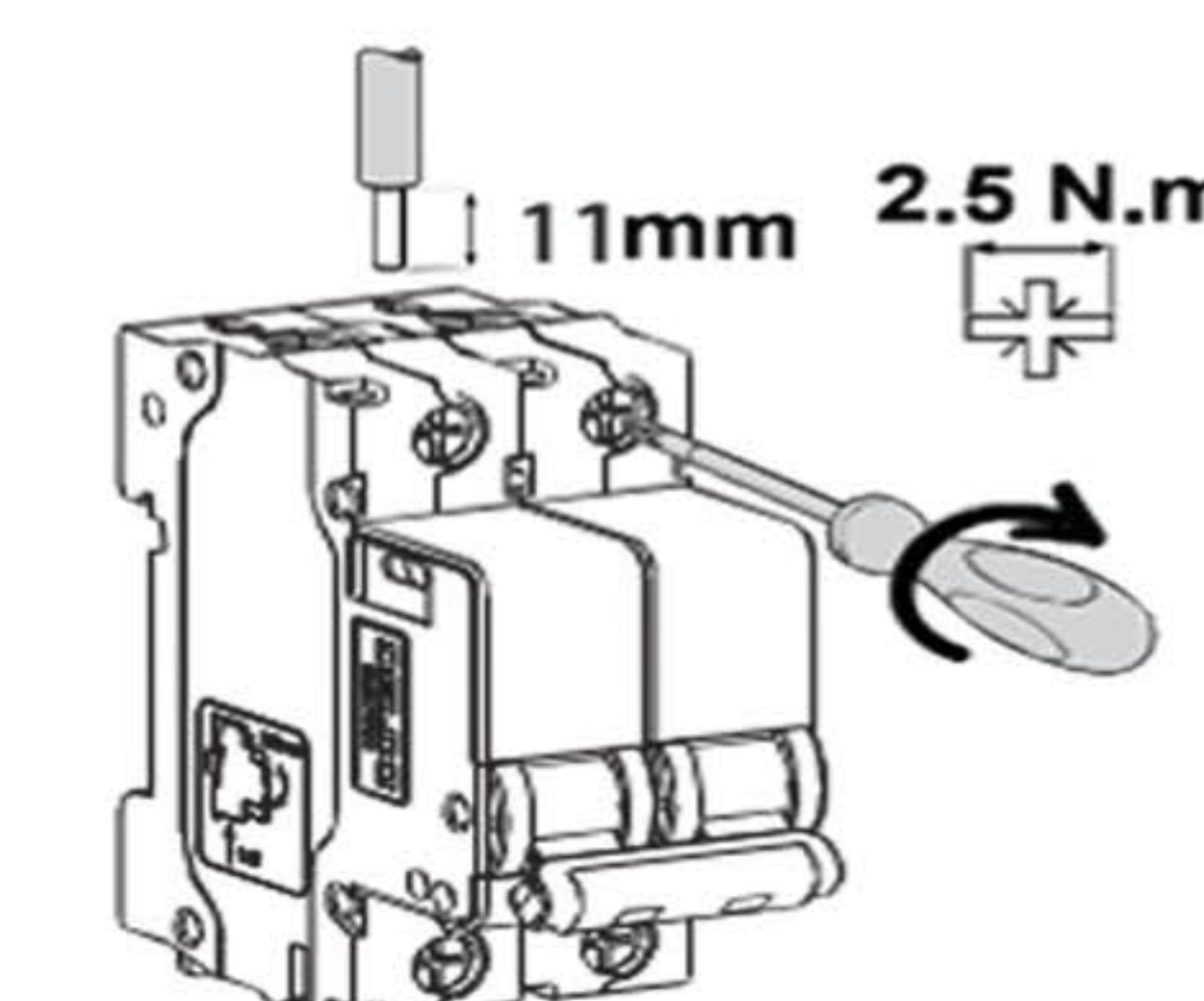
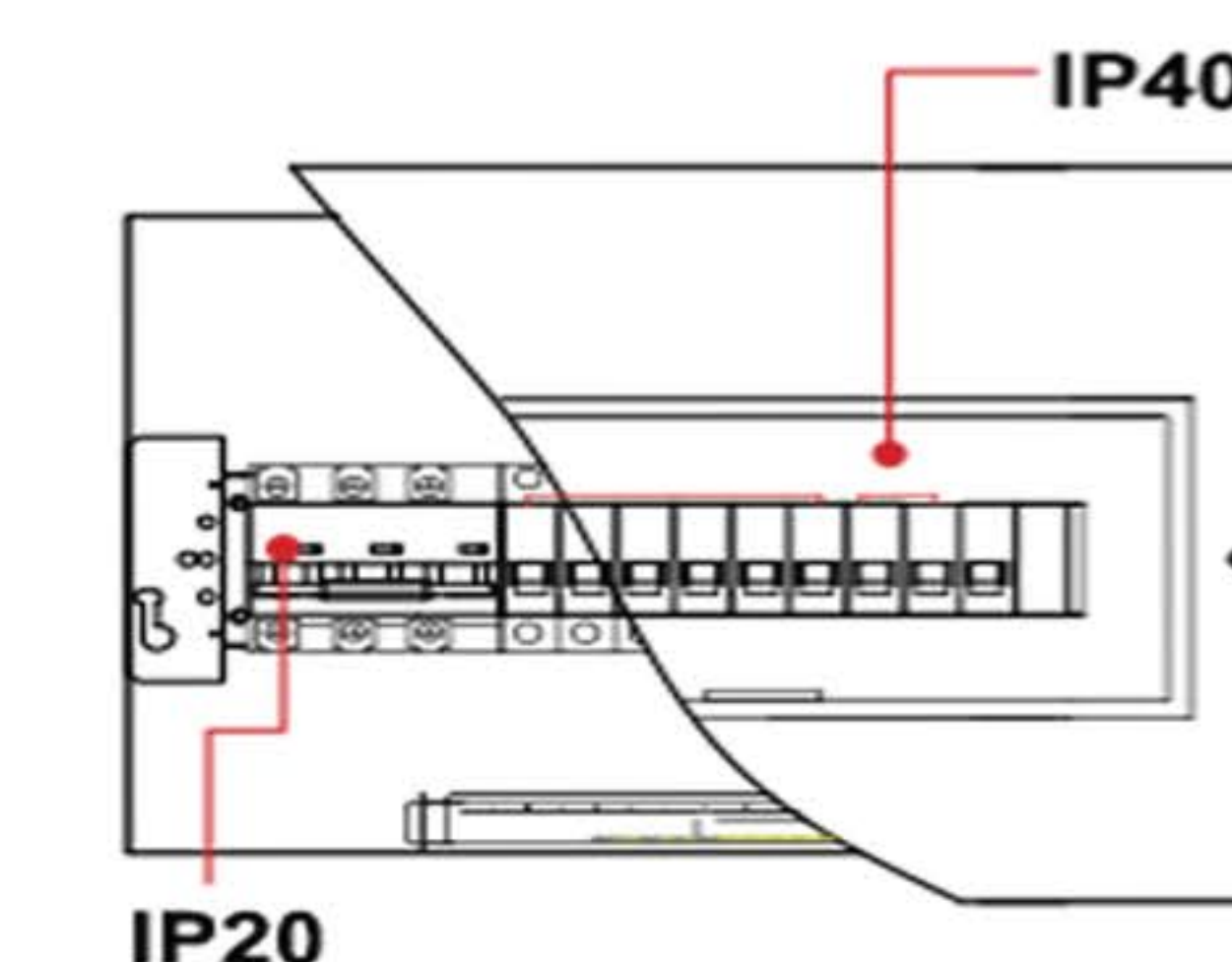
Handle	Red, pad printing indicating ON-OFF position
Mechanical endurance	Times 25,000
Electrical endurance	Times 6,000
Protection grade	Installed in distribution box IP40 Installed directly IP20
Mechanical shock resistance	30g, 3 shocks, lasting 11ms (No significant vibration or shock)
Anti-vibration (IEC/EN 60947-2)	No significant vibration or shock
Rated ambient temperature	30°C
Operating ambient temperature (daily mean temperature)	-20° C~+60°C
Storage temperature	-40° C~+70°C

Installation Features

Terminal form	Tunnel terminal
Maximum wiring capacity	Current ratings 1-63 25mm ²
Maximum ultimate torque	Current ratings 1-63: 2.5 N.m
Tool:	Crosshead screwdriver or flathead screwdriver
Installation	Installed on standard DIN guide rail (35mm)
Wiring Type	Top or bottom



Installed on 35mm standard guide rail



Flexible installation direction