

Molded Case Circuit-Breakers IEC Style

DWB circuit-breakers were developed to protect electrical circuits for distribution (up to 690 V ac or 250 V dc), generator and motor applications in a wide range of rated currents from 16 to 1600 A, all in compliance with IEC 60947-2 standard.

Protecting and Disconnecting in 6 Frames

- DWB160 - currents from 16 to 160 A
- DWB250 - currents from 100 to 250 A
- DWB400 - currents from 200 to 400 A
- DWB800 - currents from 320 to 800 A
- DWB1000 - currents from 500 to 1000 A
- DWB1600 - currents from 1250 to 1600 A

Certification



New visual identity

Reference		DWB160			DWB250			DWB400		DWB800		DWB1000		DWB1600
Electrical characteristics according to IEC 60947-2														
Rated current - In (45 °C)	A	160			250			400		800		1000		1600
Number of poles		3, 4			3, 4			3, 4		3, 4		3, 4		3, 4
Short-circuit breaking capacity levels		B	N	L	B	N	L	N	H	S	H	S	H	N
Rated ultimate short-circuit breaking capacity I _{cu} (kA rms)	220-240 V	25	50	120	42	85	120	40	80	65	80	65	80	80
	380-400 V	18	30	80	18	35	80	35	65	50	65	50	65	35
	415 V	16	30	80	16	35	80	35	50	50	65	50	65	35
Protection														
Trip Unit DX - Distribution (fixed thermomagnetic)		✓												
Trip Unit DF - Distribution (adjustable thermal and fixed magnetic)		✓			✓									
Trip Unit DA - Distribution (adjustable thermomagnetic)								✓		✓				
Trip Unit GX - Generator (fixed thermomagnetic)		✓												
Trip Unit GF - Generator (adjustable thermal and fixed magnetic)		✓			✓									
Trip Unit GA - Generator (adjustable thermomagnetic)								✓		✓				
Trip Unit MF - Motor (fixed magnetic)		✓			✓									
Trip Unit MA - Motor (adjustable magnetic)								✓		✓				
Trip Unit ET - Distribution and Generator (electronic trip unit LSI)												✓		✓
Load switch IWB (no trip unit)		✓			✓			✓		✓		✓		✓

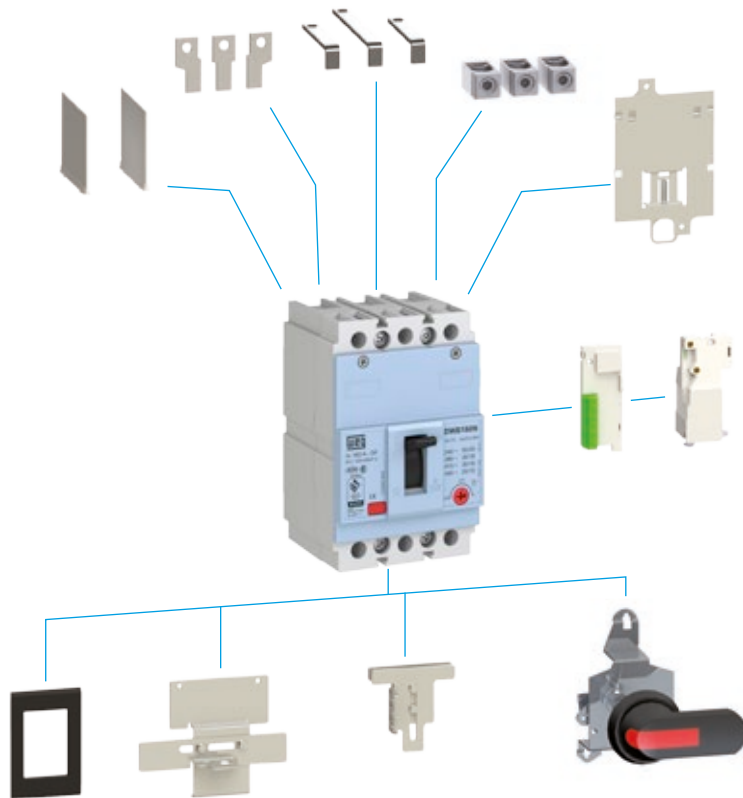
Note: please consult the product catalog for more detailed information of each model.

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Full flexibility for customers.

Plug-in internal accessories and common for frames 160, 250, 400, 800 and 1000.



WEG DWB Offers a Complete Line of Accessories:

- Auxiliary contact blocks
- Alarm blocks
- Under voltage coil
- Shunt release coil
- Lugs (DWB160 built-in)
- Phase barriers
- Extension bars
- Mechanical interlock
- Padlocking device
- Panel door rotary handle
- Motor operator (DWB400, 800, 1000 and 1600)



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