AGW

AGW Molded-Case Circuit Breaker


MCCB
AGW400N
400AF
Ue
3P
690V
Ics=Icu
480/500V ~ 5kA
415/460V ~ 18kA
380V ~ 37kA
220/250V ~ 42kA
500V ~ 50kA
Ics=100%Icu
50/60Hz
Cat. A
IEC60947-2
250A

AGW Molded-Case Circuit Breaker

Summary

More safety
and the best performance

Check out the most complete line of WEG AGW circuit breakers, which guarantees protection against short-circuits and overloads and ***provides more safety for the people and their property.***

AGW50/AGW100
In = 15 ~ 100 A
Ics = 100% Icu

AGW250
In = 125 ~ 250 A
Ics = 100% Icu

AGW400
In = 250 ~ 400 A
Ics = 100% Icu

AGW800
In = 500 ~ 800 A
Ics = 100% Icu

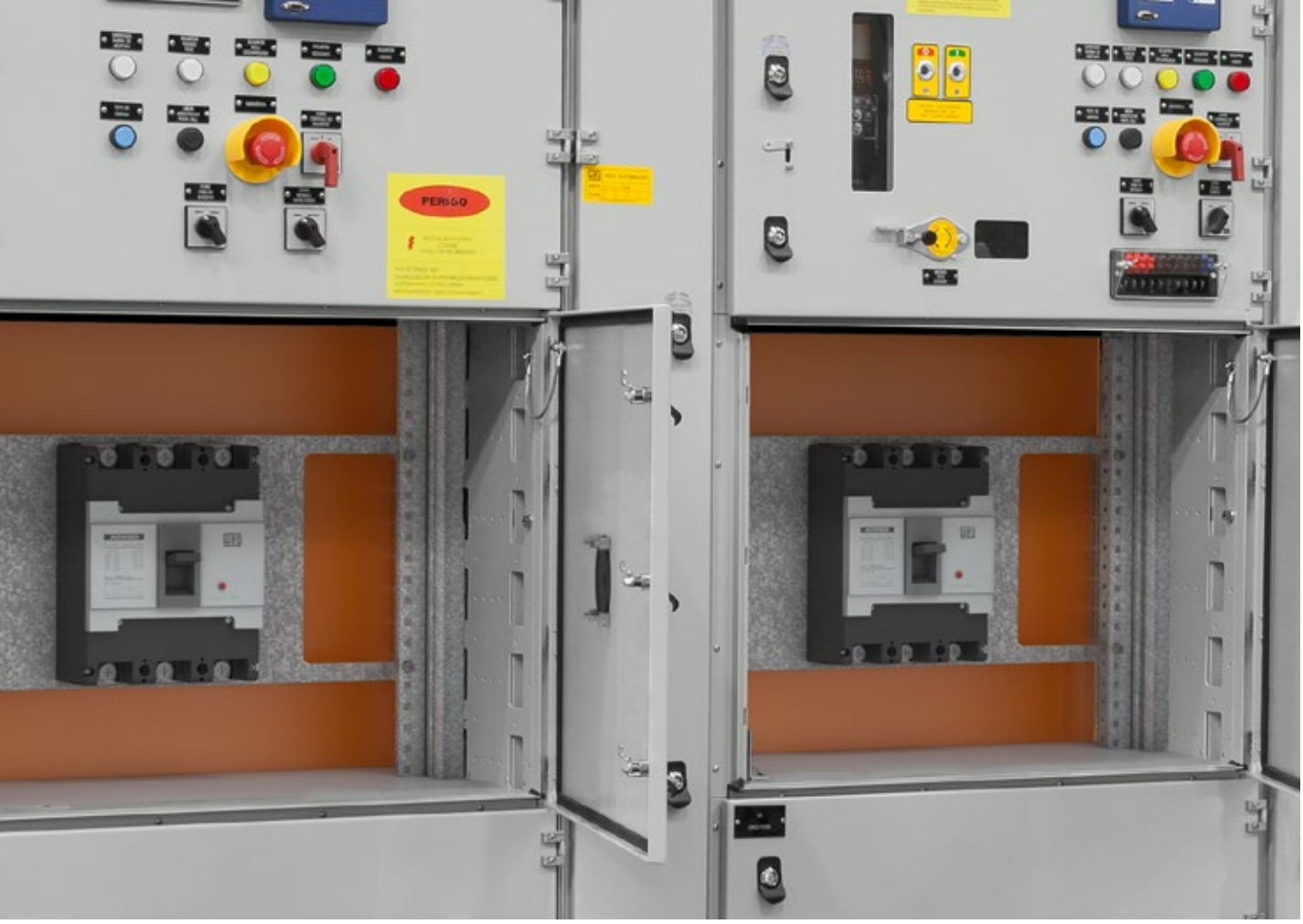
AGW Molded-Case Circuit Breaker

Available in 4 frames and currents from 15 to 800 A.

AGW

- Ics = 100% Icu in the whole line

Ics = Icu @ 220 / 250 V		Ics = Icu @ 380 V		Ics = Icu @ 460 / 480 / 500 V	
AGW50	30 kA	AGW50	18 kA	AGW50	7,5 kA
AGW100	35 kA	AGW100	22 kA	AGW100	10 kA
AGW250	65 kA	AGW250	30 kA	AGW250	18 kA
AGW400	50 kA	AGW400	42 kA	AGW400	18 kA
AGW800	50 kA	AGW800	45 kA	AGW800	25 kA



Selection Table

Reference	Current I_e	Breaking capacity	Code
AGW50N-DX15-3	15 A	18 kA / 380 V ac	12775085
AGW50N-DX20-3	20 A	18 kA / 380 V ac	12775086
AGW50N-DX30-3	30 A	18 kA / 380 V ac	12775087
AGW50N-DX40-3	40 A	18 kA / 380 V ac	12775098
AGW50N-DX50-3	50 A	18 kA / 380 V ac	12775099
AGW100N-DX60-3	60 A	22 kA / 380 V ac	12775100
AGW100N-DX75-3	75 A	22 kA / 380 V ac	12775101
AGW100N-DX100-3	100 A	22 kA / 380 V ac	12775102
AGW250N-DX125-3	125 A	30 kA / 380 V ac	12775103
AGW250N-DX150-3	150 A	30 kA / 380 V ac	12775104
AGW250N-DX175-3	175 A	30 kA / 380 V ac	12775106
AGW250N-DX200-3	200 A	30 kA / 380 V ac	12775107
AGW250N-DX225-3	225 A	30 kA / 380 V ac	12872064
AGW250N-DX250-3	250 A	30 kA / 380 V ac	12775148
AGW400N-DX250-3	250 A	42 kA / 380 V ac	12775149
AGW400N-DX300-3	300 A	42 kA / 380 V ac	12872065
AGW400N-DX350-3	350 A	42 kA / 380 V ac	12775150
AGW400N-DX400-3	400 A	42 kA / 380 V ac	12775151
AGW800N-DX500-3	500 A	45 kA / 380 V ac	12775153
AGW800N-DX630-3	630 A	45 kA / 380 V ac	12775154
AGW800N-DX700-3	700 A	45 kA / 380 V ac	12872066
AGW800N-DX800-3	800 A	45 kA / 380 V ac	12775155

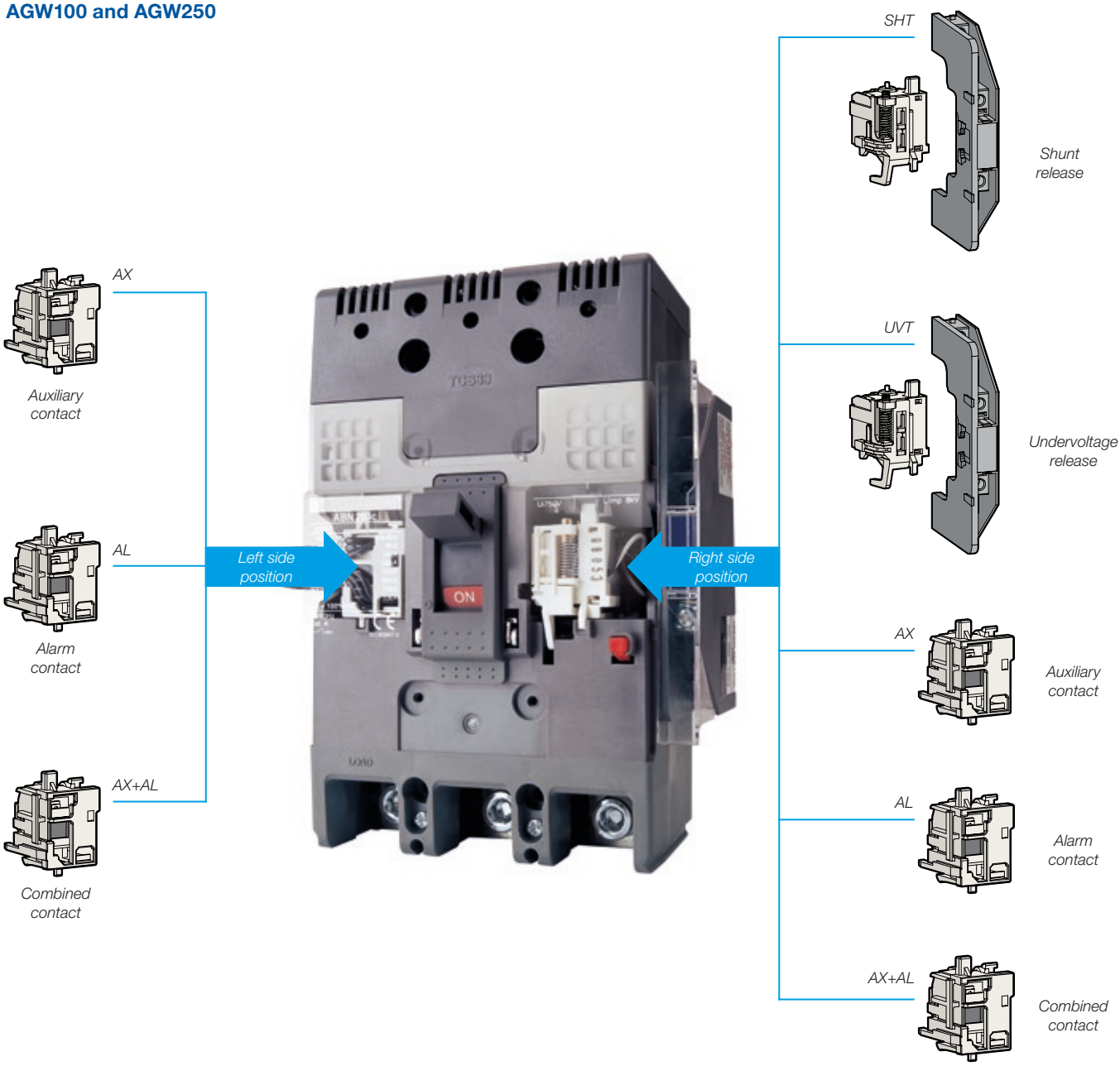
General Characteristics

							
Models			AGW50	AGW100	AGW250	AGW400[2]	AGW800
Standard			IEC 60947-2				
Rated currents - In (A)			15, 20, 30, 40, 50	60, 75, 100	125, 150, 175, 200, 225, 250	250, 300, 350, 400	500, 630, 700, 800
Rated operational voltage - U_e (V)		**AC**	690	690	690	690	690
		DC	500	500	500	500	500
Rated insulation voltage U_i (V)			750	750	750	750	750
Impulse voltage - U_{imp} (kV)			8	8	8	8	8
Frequency (Hz)			50 / 60				
Number of poles			3				
Rated ultimate short-circuit breaking capacity - Icu (kA)	**Voltage**						
	AC	**220/250 V**	30	35	65	50	50
		380 V	18	22	30	42	45
		415/460 V	14	18	26	37	37
		480/500 V	7.5	10	18	18	25
		690 V	2.5	5	8	5	8
	DC	**250 V**	5	10	10	10	10
		500 V[1]	5	10	10	10	10
Rated service short-circuit breaking capacity - Ics (kA)	**% Icu**		100%		100%	100%	100%
Rated short-circuit making capacity - Icm (kA)	**Tensão**						
	AC	**220/240 V**	63	73.5	143	105	105
		380/415 V	36	46.2	63	88.2	94.5
		440/460 V	28	36	54.6	77.7	77.7
		480/500 V	12.8	17	36	36	52.5
		660/690 V	-	7.5	13.6	7.5	13.6
Protection function			Overload, short circuit		Overload, short circuit	Overload, short circuit	Overload, short circuit
Type of release			Thermomagnetic		Thermomagnetic	Thermomagnetic	Thermomagnetic
Range of the magnetic release			12×In		12×In	10×In	10×In
Mechanical lifespan	**Number of operations**		25,000 operations		25,000 operations	4,000 operations	2,500 operations
Electrical lifespan	**Number of operations**		10,000 operations		10,000 operations	1,000 operations	500 operations
Ambient temperature			-5… 40 °C, with average in 24h of up to 35 °C				
Weight (kg)			0.7		1.2	6.2	11.5
Dimensions - L x A x P (mm)			75 x 130 x 60		105 x 165 x 60	140 x 257 x 109	210 x 280 x 109

Notas: 1) 2 poles in series.
2) Standard supply includes straight extension bar (6 units).

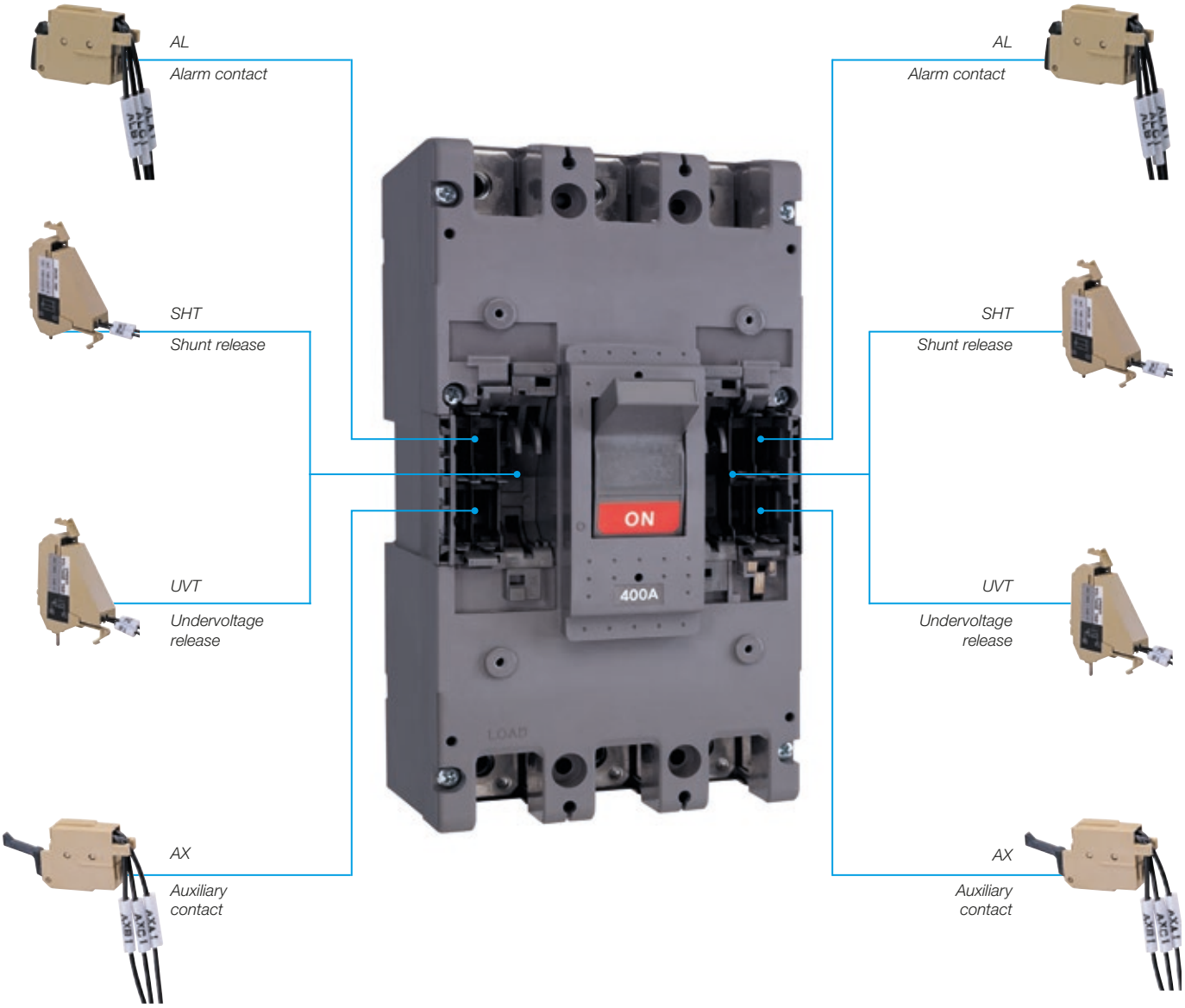
Internal Accessories

AGW100 and AGW250



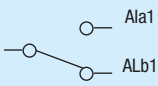
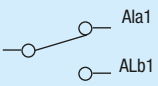
Internal Accessories

AGW400 and AGW800



Alarm Contact

They offer a signal for TRIP indication on the circuit breaker.

AGW	ON / OFF	TRIP
Alarm contact		

Circuit breaker model	Description	Position	WEG Ref.
AGW50...250	AL-1R AGW50-250	Right side	12775002
AGW50...250	AL-1L AGW50-250	Left side	12775003
AGW400...800	AL-1 AGW400-800	---	12775050[1)]
AGW400...800	AL-2 AGW400-800	---	12775051[2)]

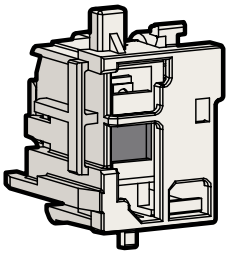
Notes: 1) Block AL-1 has the same function as block AL-2. The identification of the cables in block AL-1 is: AL a1/AL b1/AL c1.
2) Block AL-2 has the same function as block AL-1. The identification of the cables in block AL-2 is: AL a2/AL b2/AL c2.

Internal Accessories

Combined Contact Block

Alarm contact + auxiliary contact.

Circuit breaker model	Description	Position	WEG Ref.
AGW50...250	BL-1R AGW50-250	Right side	12775004
AGW50...250	BL-1L AGW50-250	Left side	12775006

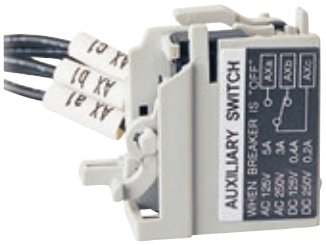


Auxiliary Contact

It has 1 contact NOC.

AGW	ON	OFF \ TRIP
Contato auxiliar	AXc1 — AXa1 / AXb1	AXc1 — AXa1 / AXb1

Circuit breaker model	Description	WEG Ref.
AGW50...250	BC-1R AGW50-250	12775000
AGW50...250	BC-1L AGW50-250	12775001
AGW400...800	BC-1 AGW400-800	12775048[1)]
AGW400...800	BC-2 AGW400-800	12775049[2)]



Notes: 1) Block BC-1 has the same function as block BC-2. The identification of the cables in block BC-1 is: AX a1/AX b1/AX c1.
2) Block BC-2 has the same function as block BC-1. The identification of the cables in block BC-2 is: AX a2/AX b2/AX c2.

Shunt Trip

The shunt trip allows disconnecting the circuit breaker by means of an external electric command.

Circuit breaker model	Voltage	Description	WEG Ref.
AGW50...250	24 V ac / V dc	BD AGW50-250 E26	12775007
AGW50...250	48 V ac / V dc	BD AGW50-250 E27	12775028
AGW50...250	60 V ac / V dc	BD AGW50-250 E28	12775029
AGW50...250	110 ~ 130 V ac / V dc	BD AGW50-250 E10	12775030
AGW50...250	200 ~ 240 V ac / V dc	BD AGW50-250 E12	12775032
AGW50...250	380 ~ 450 V ac / V dc	BD AGW50-250 E19	12775033
AGW400...800	24 ~ 48 V ac / V dc	BD AGW400-800 E03	12775053
AGW400...800	110 ~ 220 V ac / V dc	BD AGW400-800 E11	12775054
AGW400...800	380 ~ 510 V ac	BD AGW400-800 D72	12777397

Internal Accessories

Technical Data for AGW50... 250 Shunt Trips

Control voltage U_e	Consumption			Opening time	Tightening torque of the terminal
	AC (VA)	DC (W)	mA		
AC/DC 12 V	0.35	0.36	30	50ms (max.)	1.2 N/m
AC/DC 24 V	0.64	0.65	27		
AC/DC 48 V	1.09	1.1	23		
AC/DC 60 V	1.2	1.22	20		
AC/DC 100 ~ 130 V	0.73	0.75	5.8		
AC/DC 200 ~ 250 V	1.21	1.35	5.4		
AC 380 ~ 450 V	1.67	-	3.8		
AC 440 ~ 500 V	1.68	-	3.5		

Technical Data for AGW400... 800 Shunt Trips

Control voltage U_e
AC/DC 24 ~ 48
AC 100 ~ 125/DC 100 ~ 110
AC 200 ~ 240/DC 200 ~ 220
AC 380 ~ 460
AC 480 ~ 510

Control voltage U_e	Trip voltage	Reset/closing voltage	Time
AC/DC 48 V	AC: 85 ~ 1.1 Vn DC: 85 ~ 1.25 Vn	AC: 0.2 ~ 0.7 Vn DC: 0.2 ~ 0.7 Vn	Continuous
AC/DC 100 ~ 125 V			
AC/DC 200 ~ 240 V			
AC 380 ~ 440 V			
AC 440 ~ 480 V			

Consumption		
AC (VA)	DC (W)	mA
AC 24	14	0.3
DC 24	15.4	0.4
AC 48	14	0.7
DC 48	16	0.8
AC 110	6	0.7
DC 110	6.6	0.7
AC 220	6.8	1.5
DC 200	7.6	1.5
AC 440	4.3	1.9
AC 480	4.4	3.3
AC 550	4.6	2.4

Undervoltage Release

The undervoltage release opens the circuit breaker when the applied potential is in the range 0.35 ~ 0.7 x Vn (rated voltage). The operation is instantaneous and after the coil goes into the TRIP status, the circuit breaker will only be closed when voltage exceeds the value 0.85 x Vn.

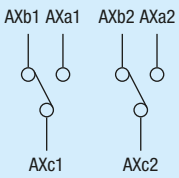
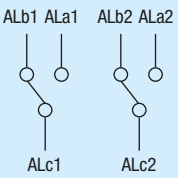
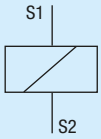
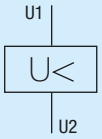
Circuit breaker model	Voltage	Description	WEG Ref.
AGW50...250	24 V ac / V dc	BS AGW50-250 E26	12775034
AGW50...250	48 V ac / V dc	BS AGW50-250 E27	12775036
AGW50...250	110 V ac / V dc	BS AGW50-250 E29	12777395
AGW50...250	220 V ac / V dc	BS AGW50-250 E31	12777396
AGW50...250	380 ~ 400 V ac	BS AGW50-250 D71	12775037
AGW400...800	48 V ac / V dc	BS AGW400-800 E27	12775055
AGW400...800	100 ~ 127 V ac / 100 ~ 110 V dc	BS AGW400-800 E35	12775056
AGW400...800	200 ~ 240 V ac / 200 ~ 220 V dc	BS AGW400-800 E39	12775068
AGW400...800	380 ~ 400 V ac	BS AGW400-800 D71	12775069

Technical Data for AGW50... 250 Undervoltage Releases

Control voltage U_e	Consumption			Opening time	Tightening torque of the terminal	Operation voltage range	
	AC (VA)	DC (W)	mA			Trip	Reset/ closing
AC/DC 24 V	0.64	0.65	27	50ms (máx.)	1.18 N/m	20 ~ 70% Vn	≥ 0.85 Vn
AC/DC 48 V	1.09	1.1	23				
AC/DC 100 ~ 110 V	0.73	0.75	5.8				
AC/DC 200 ~ 220 V	1.21	1.35	5.4				
AC 380 ~ 440 V	1.67	-	3.8				
AC 440 ~ 480 V	1.68	-	3.5				

Internal Accessories

Numbering of the Terminals

Auxiliary contact	Alarm contact	Shunt release	Undervoltage release
			

Maximum Possible Configuration

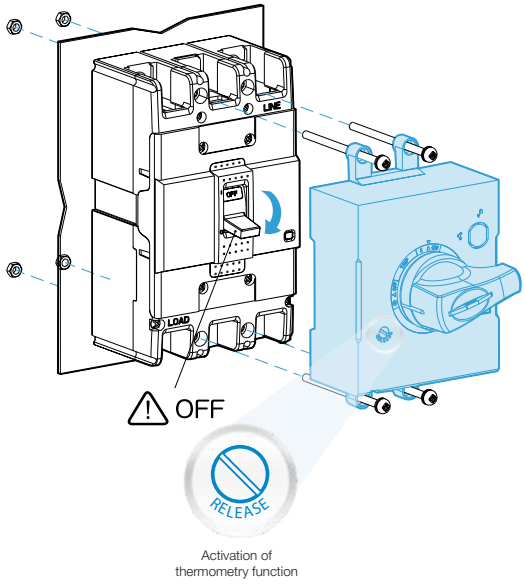
Position	Type	AGW50...250
Left side position	AX	1
	AL	1
	AX+AL	1
Right side position	AX	1
	AL	1
	AX+AL	1
	SHT/UVT	1

Position	Type	AGW400...800 (400 ~ 800AF)
Left side position	AX	2
	AL	2
	SHT/UVT	1
Right side position	AX	2
	AL	2
	SHT/UVT	1

External Accessories

Direct Rotary Operating Handle and Direct Rotary Operating Handle with key lock

- Installed directly in front of the circuit breaker on panel door
- It only allows opening the panel door with the circuit breaker OFF.
- It allows the use of padlocks (up to 3 padlocks)
- Thermometry function (operator can use the handle to open the panel door in the ON position)



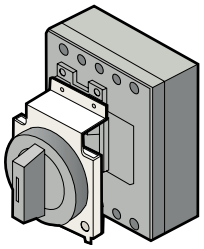
Activation of thermometry function

Rotary Operating Handle Coupled to the Circuit Breaker

Circuit breaker	Description	WEG Ref.
AGW50...100	MRI AGW50-100	12778352
AGW250	MRI AGW250	12778353

Rotary Operating Handle Coupled to the Circuit Breaker with Key Lock

Circuit breaker	Description	WEG Ref.
AGW50...100	MRK AGW50-100	12778354
AGW250	MRK AGW250	12778355

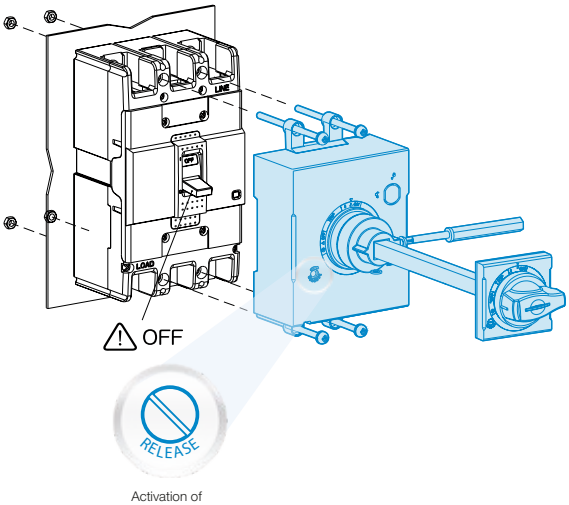


Internal Rotary Operating Handle Coupled to the Circuit Breaker

Circuit breaker	Description	WEG Ref.
AGW400	MRN AGW400	12778410
AGW800	MRN AGW800	12778411

Panel Door Rotary Operating Handles

- Installed on panel door
- It only allows opening the panel door with the circuit breaker OFF
- 469 mm shaft included (AGW50, AGW100 and AGW250)
- 304.8 mm shaft included (AGW400 and AGW800)
- It allows the use of padlocks (up to 3 padlocks)
- Thermometry function (operator can use the handle to open the panel door in the ON position)



Activation of thermometry function

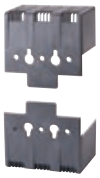
Circuit breaker	Description	Degree of protection	WEG Ref.
AGW50...100	MR469 AGW50-100	IP40	12778356
AGW250	MR469 AGW250	IP40	12778357
AGW400	MR469 AGW400	IP62	12778408
AGW800	MR469 AGW800	IP62	12778409

External Accessories

Terminal Protection Cover

Applied to ensure protection against accidental direct contact.
It offers degree of protection IP40 available in two models:

Long type (CPL)



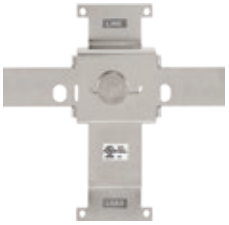
Short type (CP)

Circuit breaker	Description	WEG Ref.
AGW50-100	CP AGW50-100	12775072
AGW250	CP AGW250	12775073
AGW50-100	CPL AGW50-100	12775074
AGW250	CPL AGW250	12775075
AGW400	CPL AGW400	12775076
AGW800	CPL AGW800	12775077

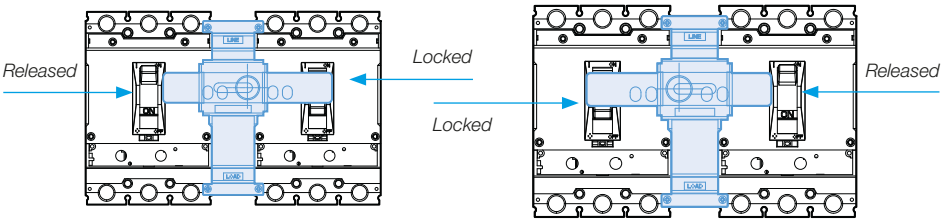
Mechanical Interlock

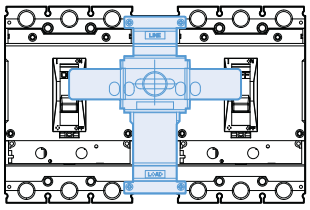
The mechanical interlock is applied in the front part of two circuit breakers, assembled side by side, preventing their simultaneous operation. The mounting is made directly on the cover of the circuit breakers.

The front interlock plate allows the installation of a padlock in order to lock the position (it is also possible the padlocking in the off - off position).



Circuit breaker	Description	WEG Ref.
AGW400	MI AGW400	12775070
AGW800	MI AGW800	12775071



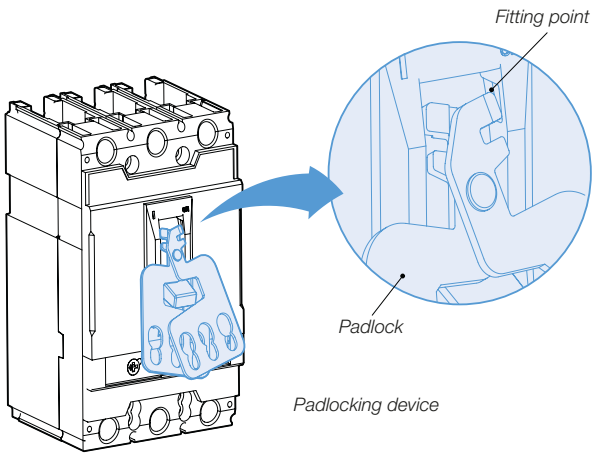


Both circuit breakers locked

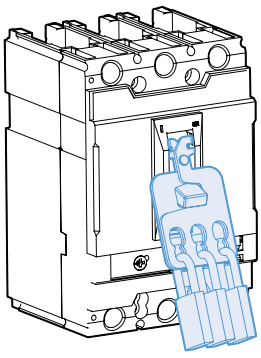
Padlocking Device

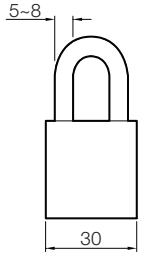
- It allows the circuit breaker to be locked in the off position
- It allows the use of up to three (3) padlocks with diameters from 5 to 8 millimeters (padlocks are not supplied)

Circuit breaker	Description	WEG Ref.
AGW50-100	TR AGW50-100	12775082
AGW250	TR AGW250	12775083
AGW400-800	TR AGW800	12775084



Padlocking device



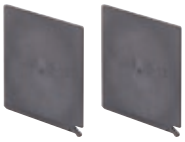


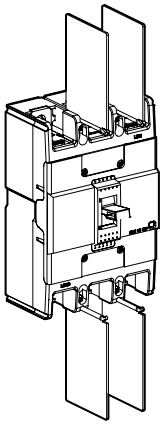
Padlock Dimensions (mm)

External Accessories

Insulation Barrier

The insulation barrier allows increasing the insulation resistance between the phases of the circuit breaker.
Assembled through the circuit breaker front part, it provides insulation between the circuit breakers assembled side by side.



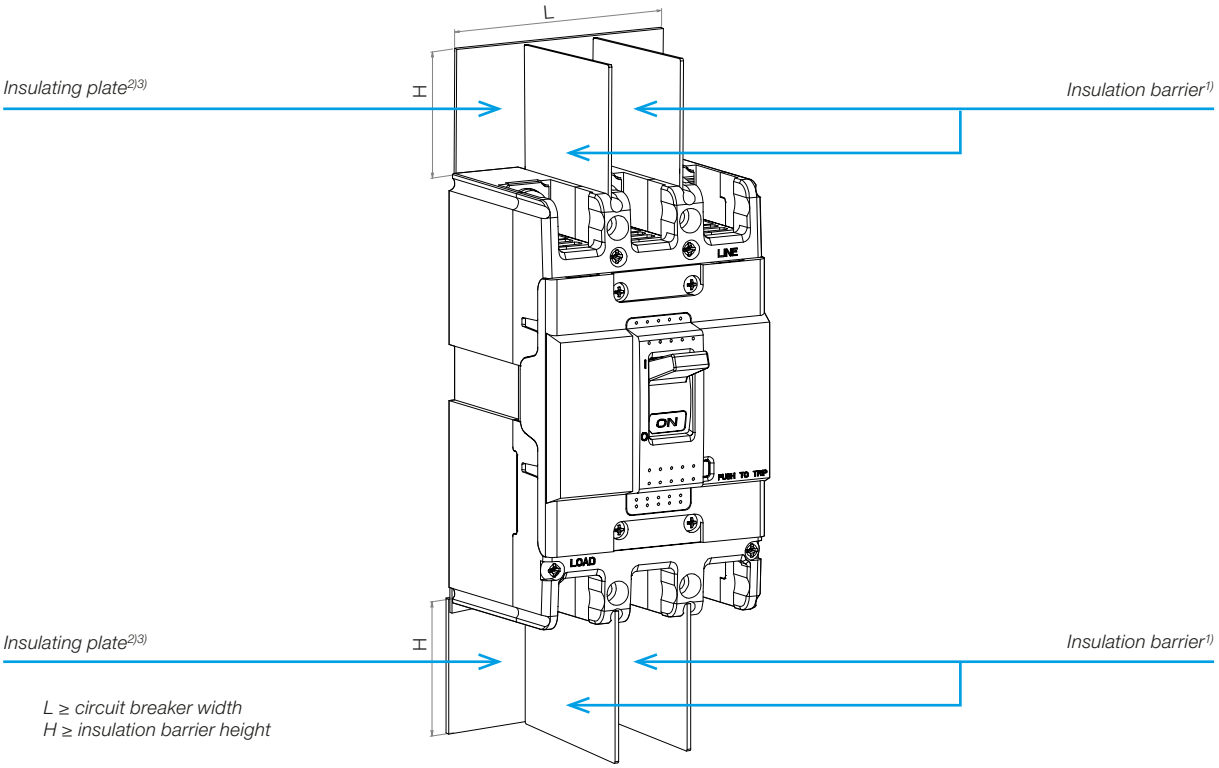


Circuit breaker	Description	WEG Ref.
AGW50...100	12775078	BI AGW50-100
AGW250	12775079	BI AGW250
AGW400	12775080	BI AGW400
AGW800	12775081	BI AGW800

Insulation Barrier and Insulating Plates

			AGW Line
Insulation barrier[1)]	U_e<500 V	Input	Mandatory
		Output	Optional
	U_e≥500 V	Input	Mandatory
		Output	Mandatory
Insulating plates[2)3)4)]	U_e<500 V	Input	Optional
		Output	Optional
	U_e≥500 V	Input	Mandatory
		Output	Mandatory

Notas: 1) 2 insulation barriers supplied with AGW50... 800 circuit breakers. When two more insulators are necessary, those parts are sold as accessory.
2) It is not sold. It must be produced and manufactured by the user.
3) Minimum characteristics of the material to be used as insulating plate:
- Dielectric strength ≥12 kV/mm;
- Flame retardant material;
- Recommended material: phenolite, polycarbonate.
4) Installation according to the following figure.



Dissipated Power / Resistance

Code	Description	Rated current	R (mΩ)	W/pole	W/3 poles
12775085	AGW50N-DX15-3	15	12	2.7	8.10
12775086	AGW50N-DX20-3	20	12	4.8	14.40
12775087	AGW50N-DX30-3	30	4.9	4.4	13.23
12775098	AGW50N-DX40-3	40	4.3	6.9	20.64
12775099	AGW50N-DX50-3	50	4.3	10.8	32.25
12775100	AGW100N-DX60-3	60	1.6	5.8	17.28
12775101	AGW100N-DX75-3	75	1.6	9.0	27.00
12775102	AGW100N-DX100-3	100	1.3	13.0	39.00
12775103	AGW250N-DX125-3	125	0.5	8.1	24.17
12775104	AGW250N-DX150-3	150	0.4	10.0	30.04
12775106	AGW250N-DX175-3	175	0.4	11.7	35.04
12775107	AGW250N-DX200-3	200	0.3	12.7	38.13
12872064	AGW250N-DX225-3	225	0.3	14.0	42.11
12775148	AGW250N-DX250-3	250	0.2	14.7	44.13
12775149	AGW400N-DX250-3	250	0.19	11.8	35.54
12872065	AGW400N-DX300-3	300	0.19	17.1	51.18
12775150	AGW400N-DX350-3	350	0.12	15.2	45.46
12775151	AGW400N-DX400-3	400	0.12	19.8	59.38
12775153	AGW800N-DX500-3	500	0.09	23.7	71.07
12775154	AGW800N-DX630-3	630	0.09	37.6	112.83
12872066	AGW800N-DX700-3	700	0.08	39.9	119.66
12775155	AGW800N-DX800-3	800	0.08	52.1	156.29

Current Derating According to the Temperature

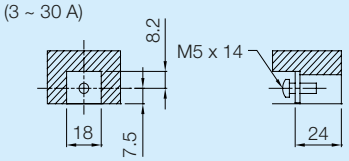
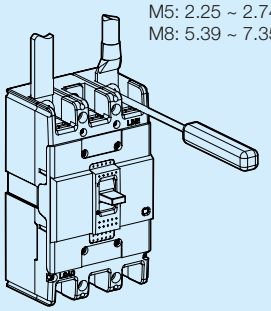
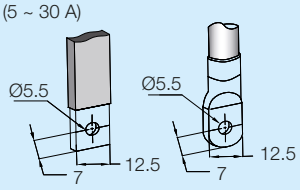
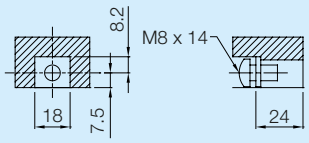
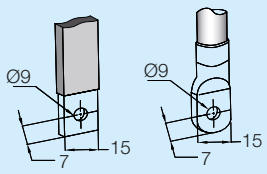
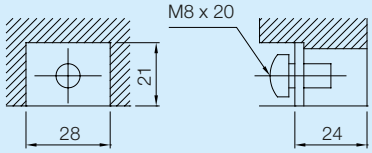
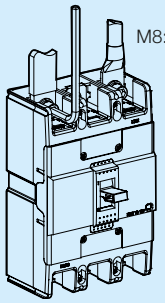
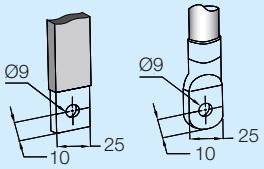
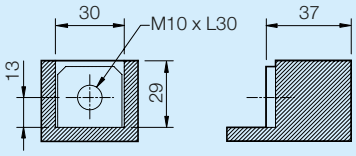
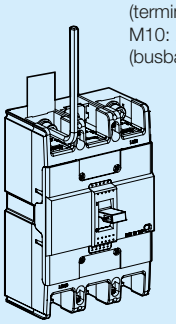
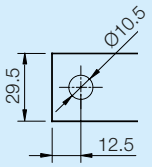
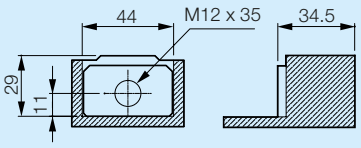
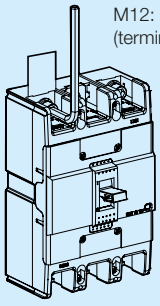
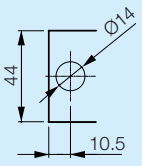
The rated current classification of the AGW molded-case circuit breakers must be considered according to the variations in the ambient temperature. Normally, when the ambient temperature is higher than 40 °C, the overload protection characteristics are modified.

Circuit breaker	Rated current	Molded-case circuit breaker with thermomagnetic protection						
		10 °C	20 °C	30 °C	40 °C	45 °C	50 °C	55 °C
AGW50	40	40	40	40	40	39	38	36
	50	50	50	50	50	49	47	45
AGW100	75	75	75	75	75	73	71	68
	100	100	100	100	100	97	94	91
AGW250	150	150	150	150	150	145	140	128
	175	175	175	175	175	169	163	150
	200	200	200	200	200	193	186	171
	225	225	225	225	225	217	209	193
	250	250	250	250	250	241	233	214
AGW400	250	250	250	250	250	246	242	238
	300	300	300	300	300	295	291	287
	350	350	350	350	350	345	339	332
	400	400	400	400	400	394	388	381
AGW800	500	500	500	500	500	492	485	477
	630	630	630	630	630	621	611	602
	700	700	700	700	700	689	679	668
	800	800	800	800	800	788	779	764

Current Derating According to the Altitude

Altitude (m)	Rated operating voltage - U_e (V)	Rated current - In (A)
2,000	1.00	1.00
3,000	0.91	0.98
4,000	0.82	0.96
5,000	0.73	0.94
6,000	0.65	0.92

Conductors and Terminals Connections

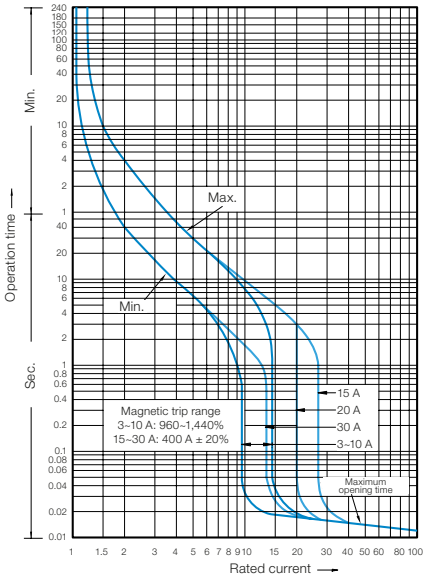
	Terminal (mm)	Tightening torque (N.m)	Conductor (mm)
AGW50 AGW100	(3 ~ 30 A) 		(5 ~ 30 A) 
	(40 ~ 100 A) 		(60 ~ 100 A) 
AGW250		M8: 7.84 ~ 12.74 	
AGW400		M10: 23.53 ~ 29.42 (terminal) M10: 23.53 ~ 29.42 (busbar) 	
AGW800		M12: 39.22 ~ 49.03 (terminal, busbar) 	

Note: the AGW molded-case circuit breakers were designed to receive electric energy from the top (LINE). The power supply output to the load must be done by the bottom terminals (LOAD).

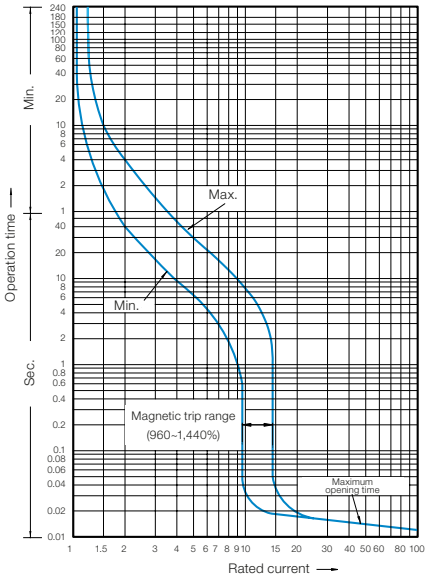
Characteristic Curves

AGW50, AGW100

Rated Current: 3~30 A

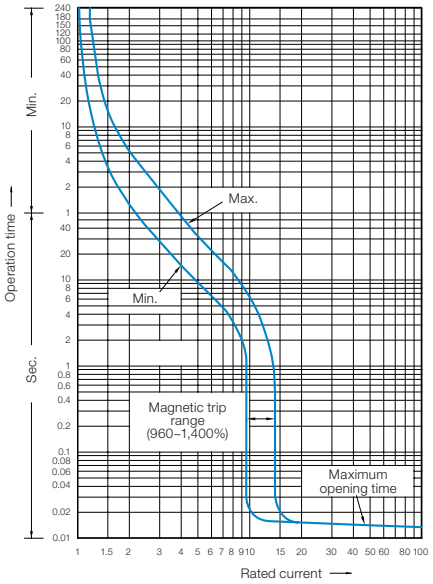


Rated Current: 40~100 A

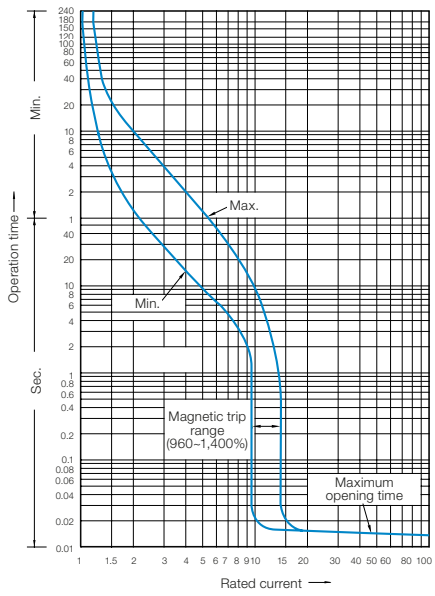


AGW250

Rated Current: 100~225 A



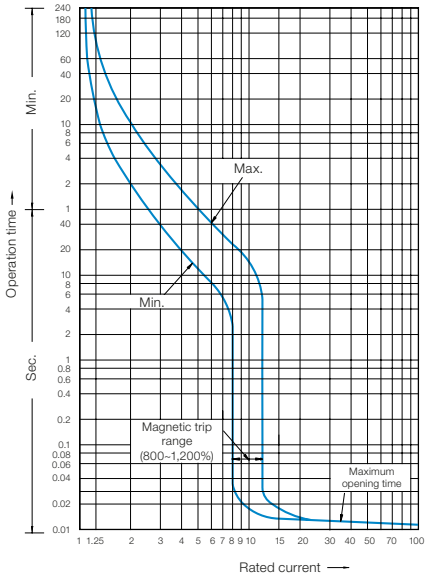
Rated Current: 250 A



Characteristic Curves

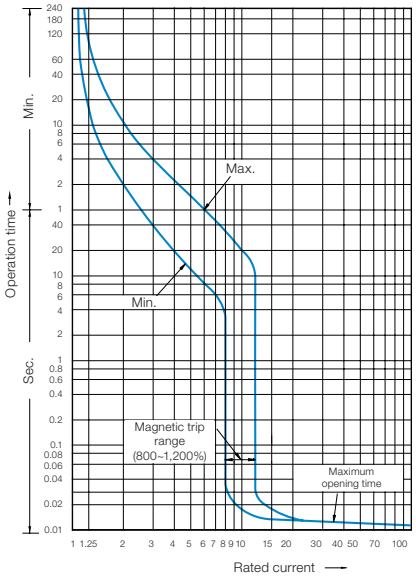
AGW400

Rated Current: 250~400 A



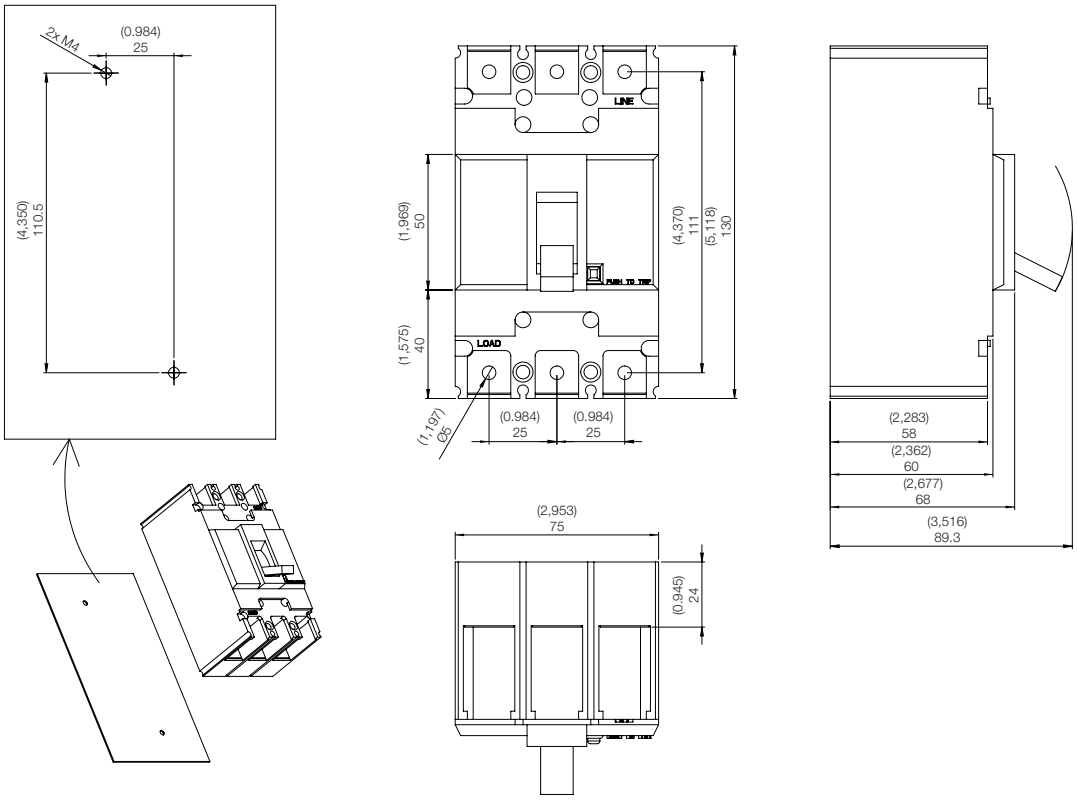
AGW800

Rated Current: 500~800 A

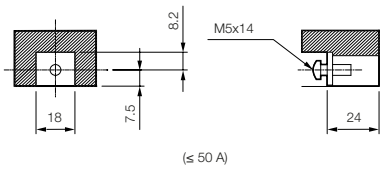


Dimensions

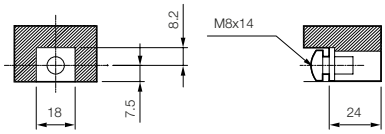
AGW50, AGW100



Terminal Details

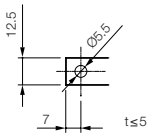


(≤ 50 A)

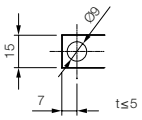


(≥ 60 A)

Connecting

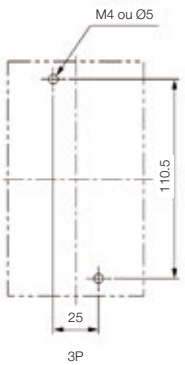


(≤ 50 A)



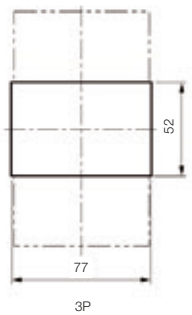
(≥ 60 A)

Panel Drilling



3P

Front Panel Cutting

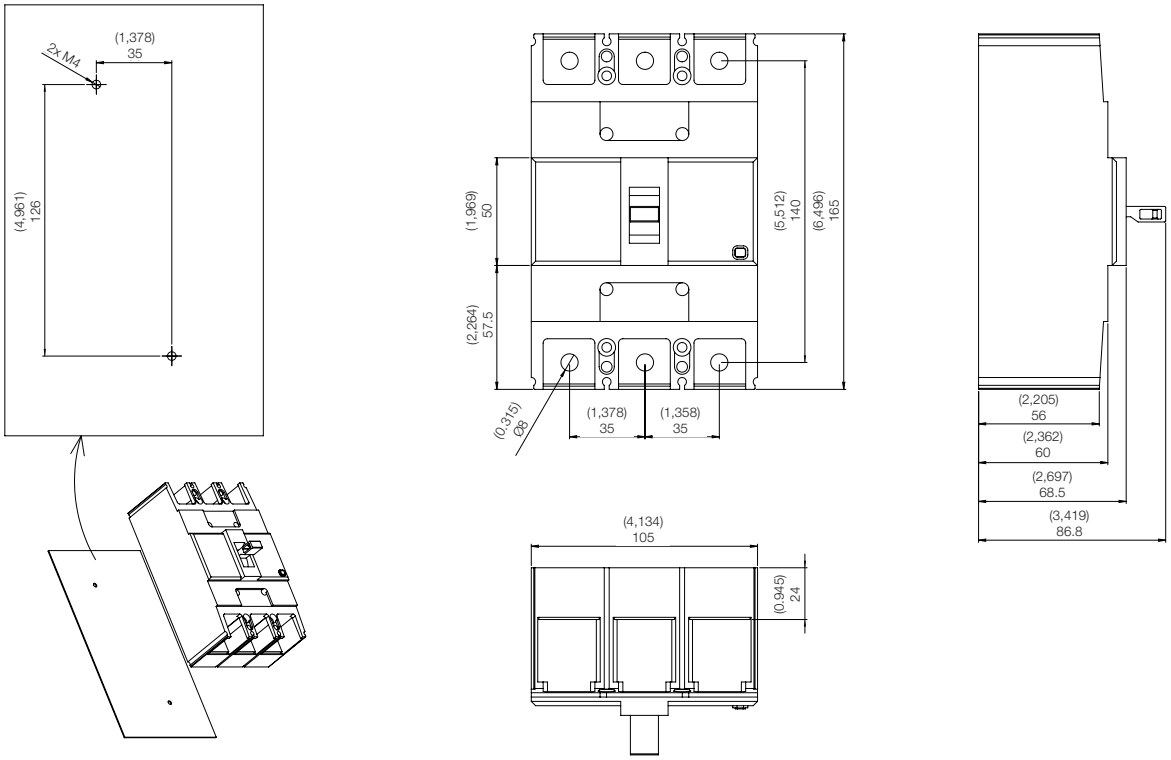


3P

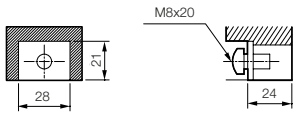
Note: dimensions in mm.

Dimensions

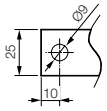
AGW250



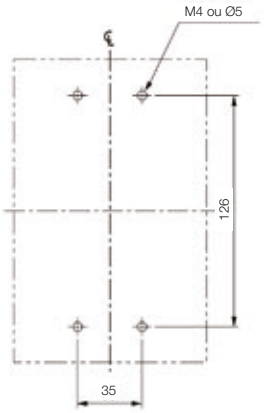
Terminal Details



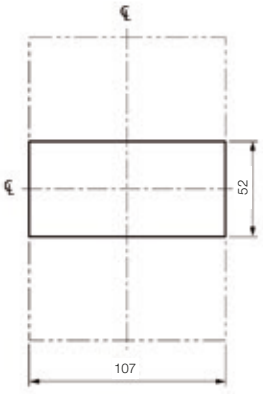
Connection



Panel Cutout



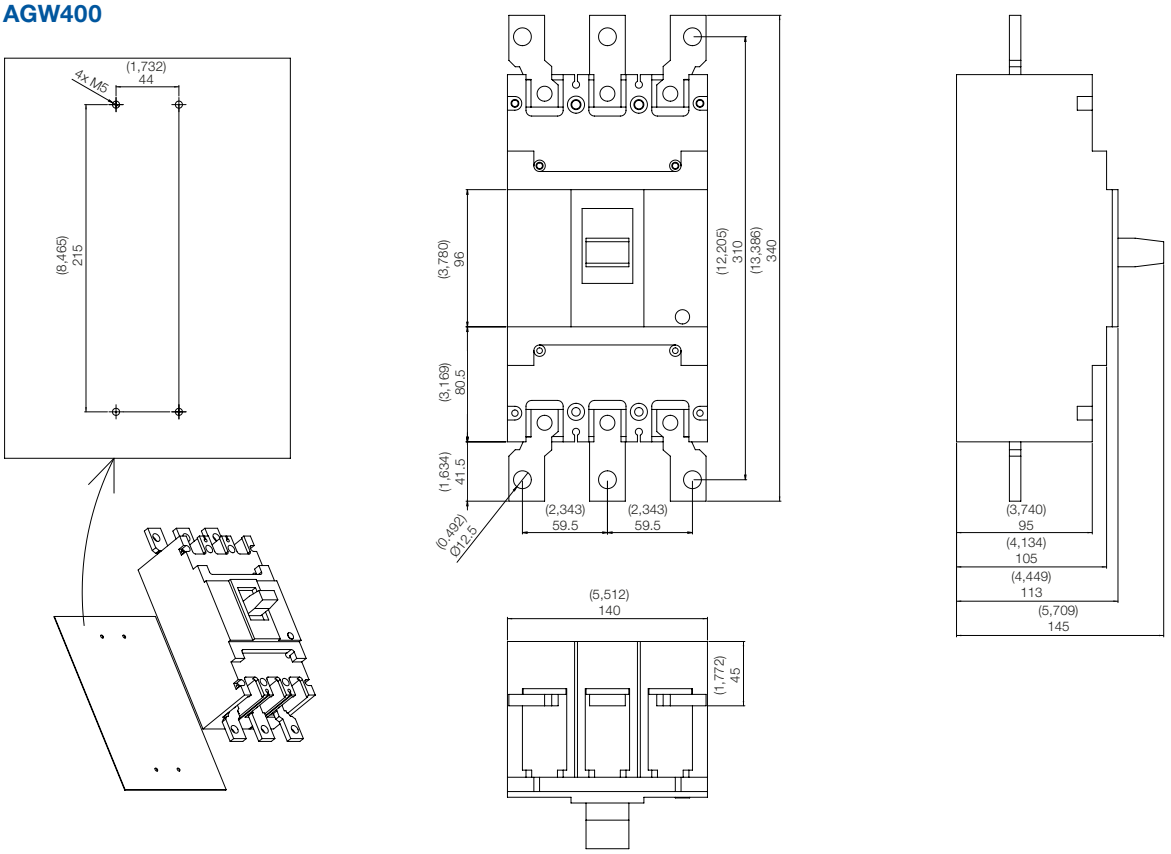
Front Panel Cutout



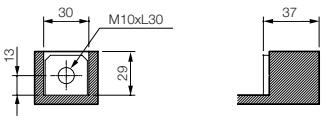
Note: dimensions in mm.

Dimensions

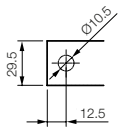
AGW400



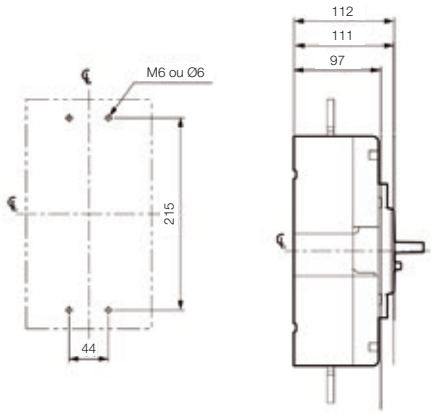
Terminal Details



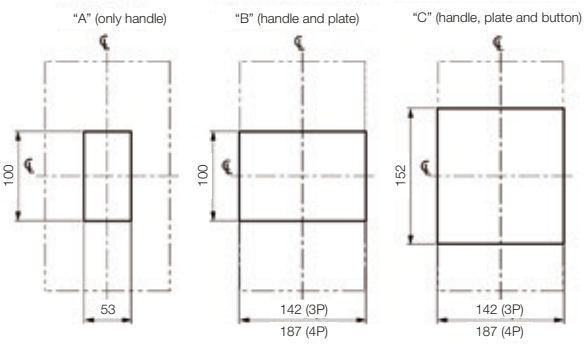
Connection



Panel Cutout



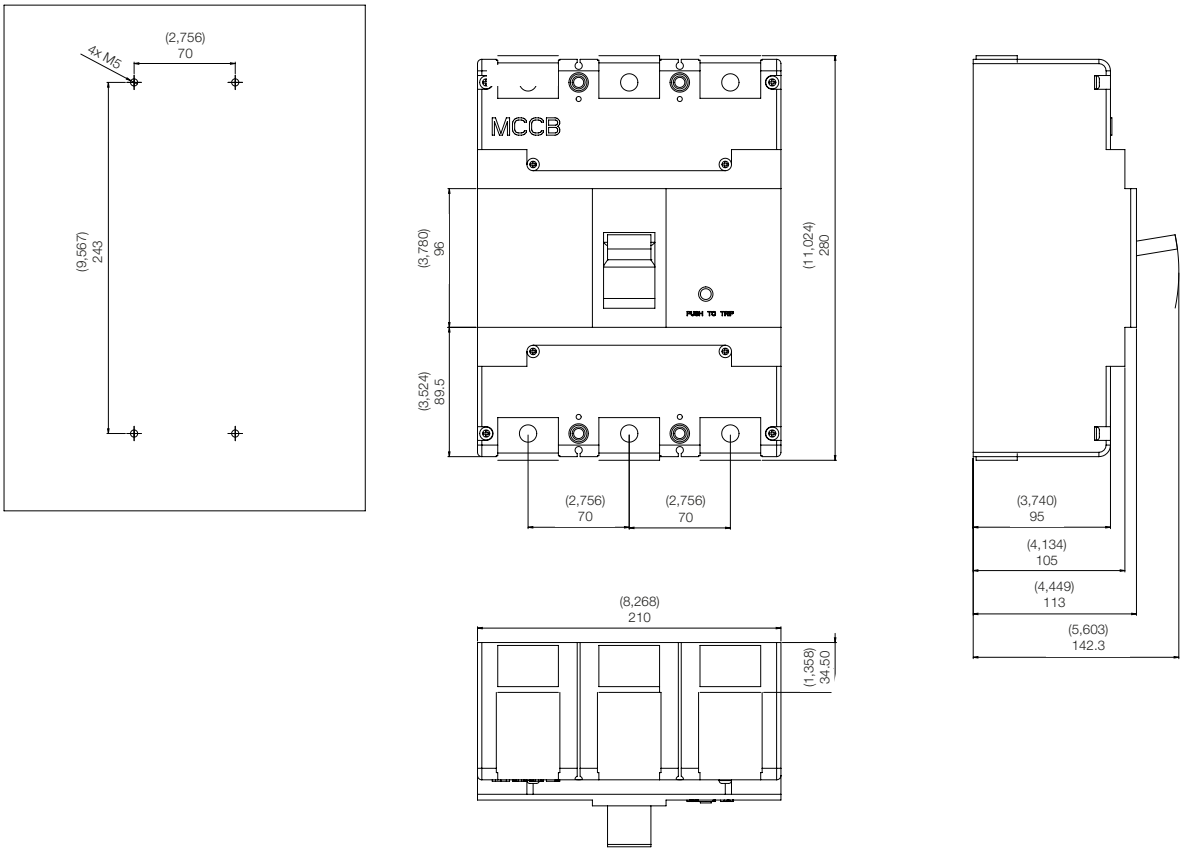
Front Panel Cutout



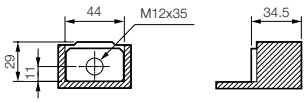
Notes: Dimensions in mm.
Standard supply includes straight extension bar.

Dimensions

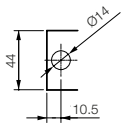
AGW800



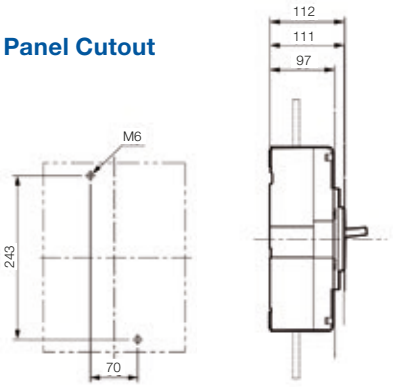
Terminal Details



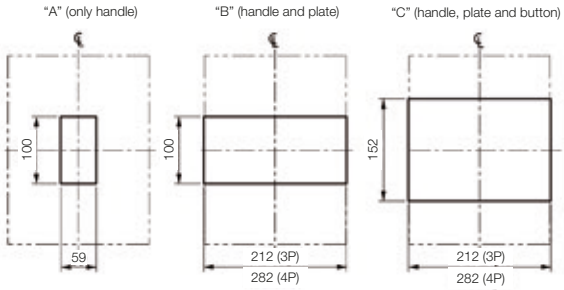
Connection



Panel Cutout



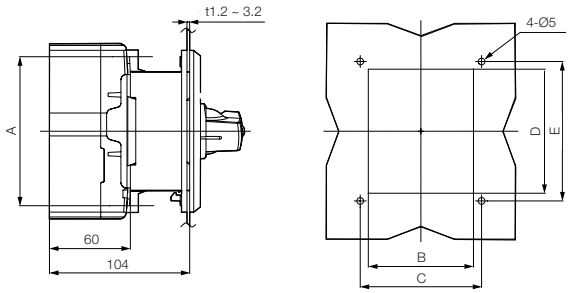
Panel Front Cutout



Note: dimensions in mm.

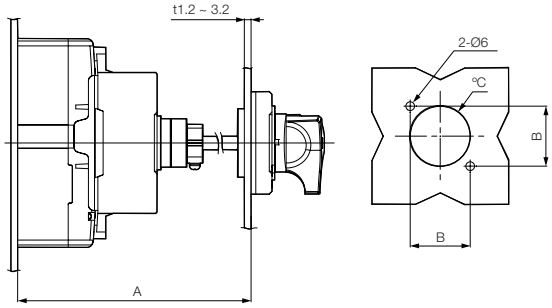
Dimensions

Rotary Operating Handle Coupled to the Circuit Breaker



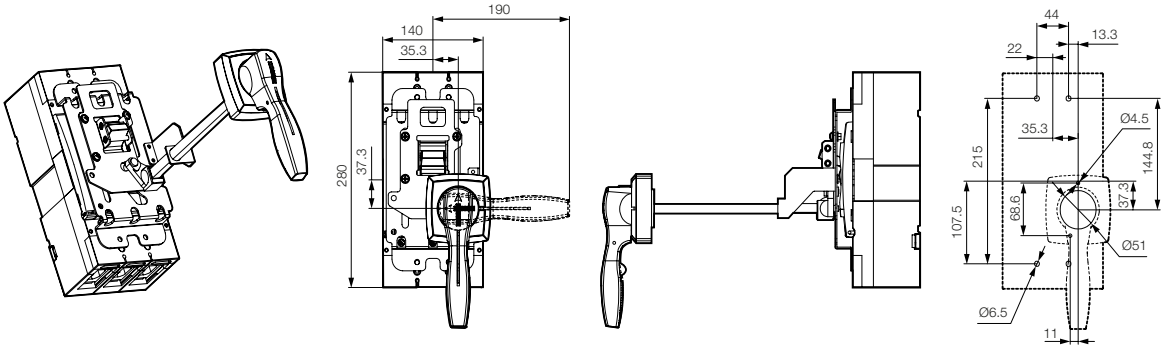
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
MRI AGW50-100	110.5	78	90	92	103.4
MRI AGW250	126	108	121	110	122

Rotary Operating Handle Coupled to the Circuit Breaker with Key Lock

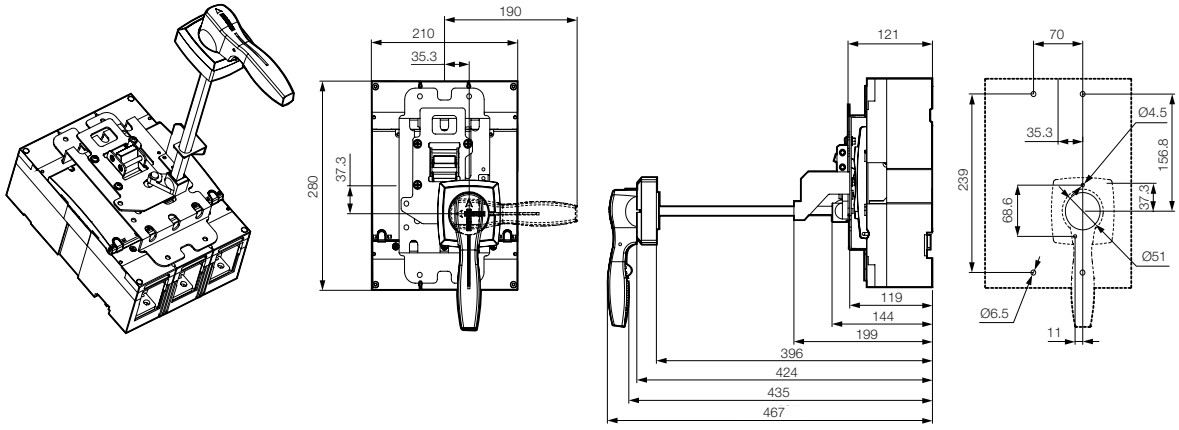


Model	A (mm)	B (mm)	C (mm)
MR469 AGW50-100	Min. 150, máx. 573.5 (SHAFT 469 mm)	47	Ø53
MR469 AGW250	Min. 150, máx. 571.5 (SHAFT 469 mm)		

MR469 AGW400



MR469 AGW800

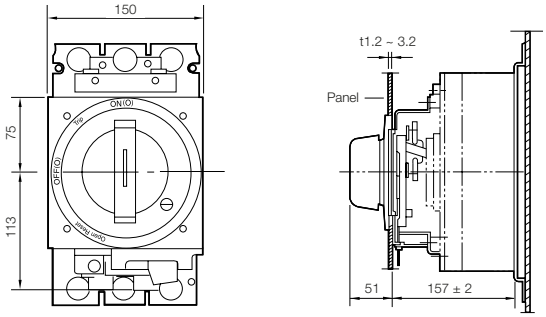


Note: dimensions in mm.

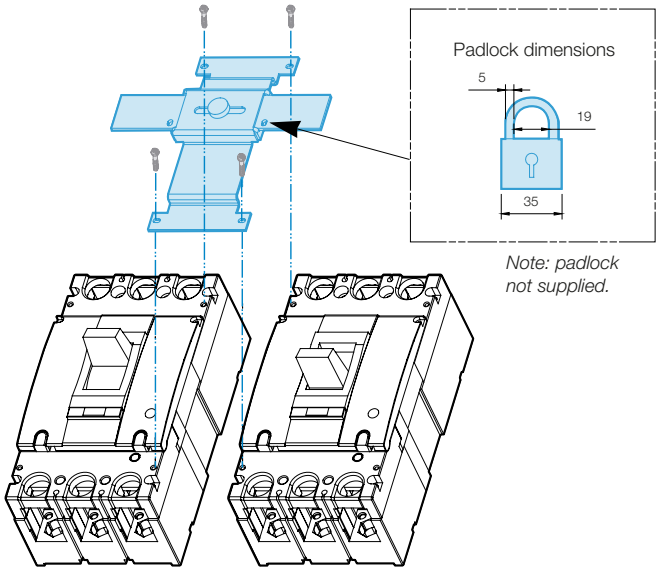
Dimensions

Internal Rotary Operating Handle Coupled to the Circuit Breaker

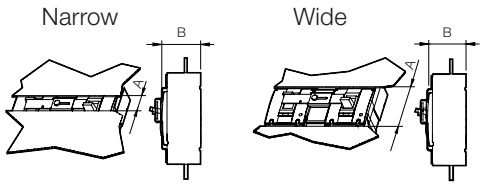
MRN AGW400...AGW800



Mechanical Interlock

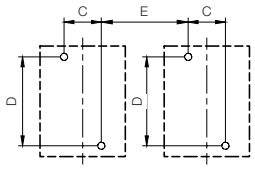


Panel Slot



Slot	AGW400		AGW800	
	A (mm)	B (mm)	A (mm)	B (mm)
Narrow	100	111	100	111
Wide	152	97	152	97

Panel Cutout



Circuit	C		D		E	
	3P	4P	3P	4P	3P	4P
AGW400	44	44	215	215	166	210
AGW800	70	70	243	243	210	280

Note: dimensions in mm.

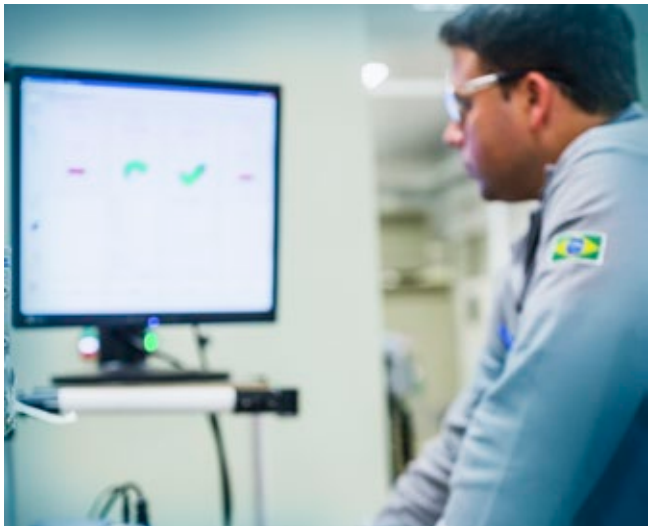
Global presence is essential, as much as understanding your needs.

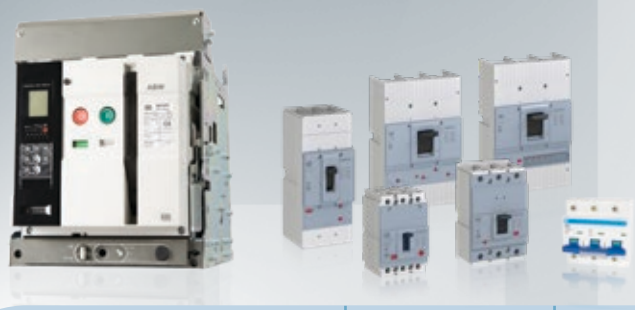
Global Presence

With more than 30.000 employees worldwide, WEG is one of the largest electric motors, electronic equipments and systems manufacturers. We are constantly expanding our portfolio of products and services with expertise and market knowledge. We create integrated and customized solutions ranging from innovative products to complete after-sales service.

WEG's know-how guarantees our ***AGW circuit breakers*** is the right choice for your application and business, assuring safety, efficiency and reliability.

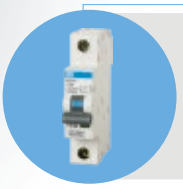
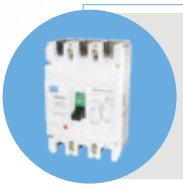
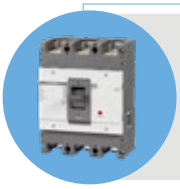
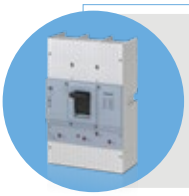
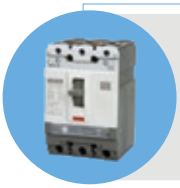
- ***Availability*** is to have a global support network
- ***Partnership*** is to create solutions that suit your needs
- ***Competitive edge*** is to unite technology and innovation





Know More

Full Circuit Breaker Solutions

	Dimensions *(frames)*	Currents *(A)*	Thermomagnetic *Protection*	Electronic *Protection*	Breaking capacity I_{cu} @ 380 V ac
MDW Miniature Circuit Breaker					
	Frame 1 Frame 2	2 to 63 70 to 125	Fixed	-	3
MDWH Miniature Circuit Breaker[1)]					
	1 frame	6 to 63	Fixed	-	10[1)]
DWP Molded-Case Circuit Breakers					
	1 frame	100 to 225	Fixed	-	12
AGW Molded-Case Circuit Breaker					
	50/100 250 400 800	15 to 100 125 to 250 250 to 400 500 to 800	Fixed	-	18 - 22 30 42 45
DW Molded-Case Circuit Breaker					
	160 250 400 800/1,000 1,600	16 to 160 100 to 250 200 to 400 320 to 1,000 1,250 and 1,600	Fixed and Adjustable - -	- Adjustable	16 - 80 16 - 80 35 - 65 35 - 65 50 - 65
ACW High-Capacity Molded-Case Circuit Breaker					
	100/160 101/161/250 400/630 800	20 to 160 16 to 250 160 to 400 630 to 800	Fixed and Adjustable	- Adjustable	85 -150 85 -150 85 -150 100
ABW Air Circuit Breaker					
	800/1600 2,000/2,500/3,200 4,000/5,000 6,300	320 to 1,600 800 to 3,200 1,600 to 5,000 2,520 to 6,300	-	Adjustable	65 85 100 120

Note: 1) MDWH in 220 V ac I_{cu} = 20 kA.

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