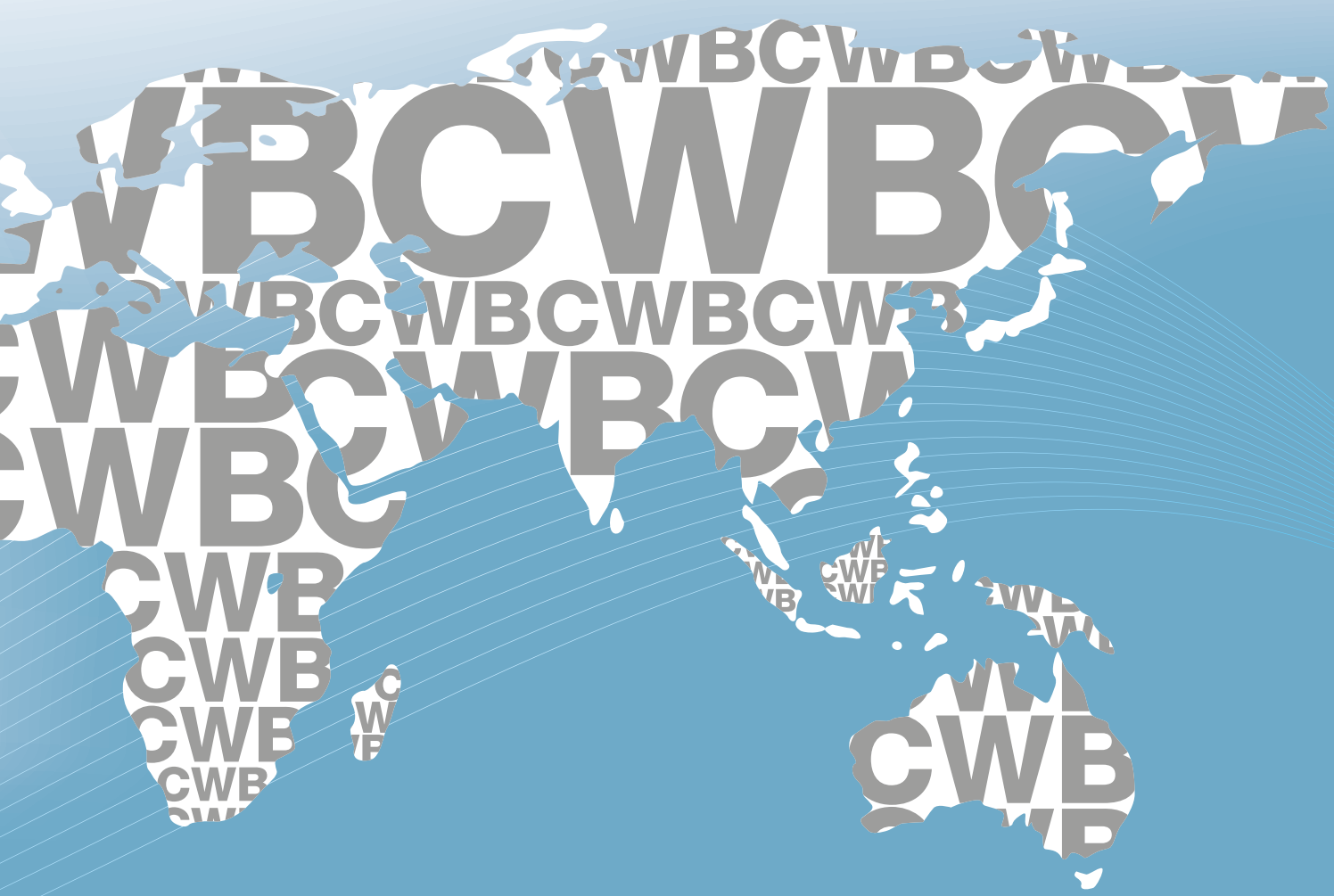
Automation

Contactors - CWB Line

New WEG **CWB** Contactors

Developed according to IEC 60947 and UL 508 international standards, the new WEG CWB line of contactors meets the requirements of a wide range of industrial applications worldwide.

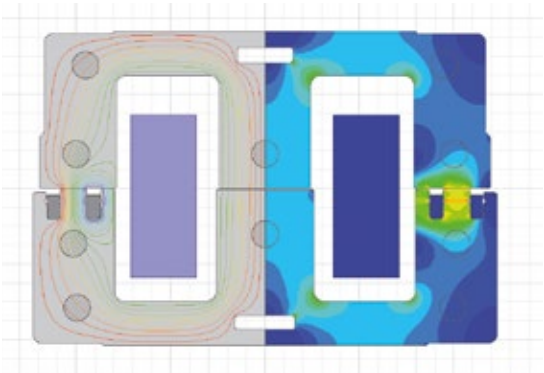


WEG CWB Contactors are modular and compact but at the same time **robust and highly reliable**. Easy installation and energy savings meet the expectations of users who want to perform automation in a more simple and practical way.
The CWBs are designed with the visual pattern and identity of WEG, a brand recognized worldwide for its quality.

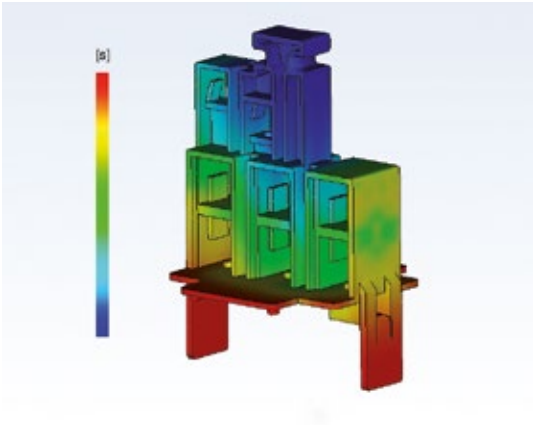
The **Technology** Within

The use of finite-element analysis and state-of-the-art modeling softwares for simulation of electromagnetic and electromechanical systems provide WEG CWB contactors with an improved project with reduced contact bouncing. The outcome reached by WEG's R&D team ensures a product with long mechanical and electrical lifespan in a reduced size and with lower energy consumption.

The electric contacts of CWB contactors are manufactured with special silver alloys which ensure excellent electric conductibility and high contact reliability. During operation, the double-break contacts and arc chutes ensure fast arc quenching and provide high resistance against the wear effects of the electric arc and, consequently, a long electrical lifespan.



Analysis of CWB electromagnetic system.



Simulation of plastic injection molding of CWB contact carrier.

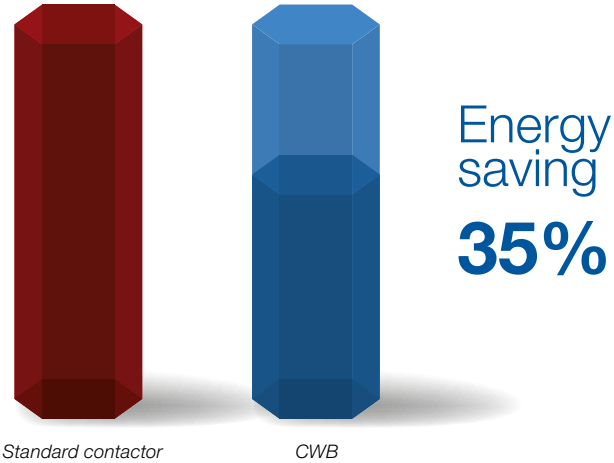
CWB contactors are manufactured with the best raw materials from top international suppliers and with WEG high quality components, using high precision plastic injection molds and stamping tools, ensuring very reliable products with the best cost-benefit in the market.
The CWB line uses only nontoxic and eco-friendly materials in compliance with RoHs requirements.

Energy **Savings**

Low Consumption Coils

The low-consumption coils of new WEG contactors of up to 38 A allow safe operation with minimum energy consumption of up to 6 W in DC and up to 7.5 VA in AC. Besides energy savings, the low consumption of the coils of CWB contactors allows reducing the power supply of control transformers. When well dimensioned and properly applied, the traditional starting methods of electric motors, such as DOL (reversing or non-reversing) and star-delta using contactors, are the safest and best cost-benefit means to start and protect electric motors in low voltage. Up to at least 55 kW, DOL and star-delta starters using contactors are still the best and most widely used starting methods in all kinds of industries worldwide. Even when electronic methods are used for the start and control of motors, such as VSDs and Soft-Starters, the contactors continue to be necessary in combination with the electronic devices. Therefore, one can only imagine the huge number of contactors installed and in operation all over the world.
Thus, CWB contactors are designed to operate in a safe and reliable way with the lowest energy consumption.

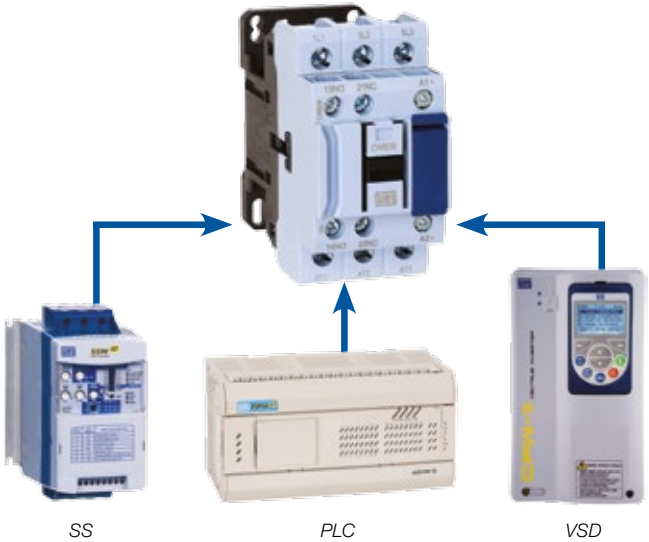
Coil Consumption
DC Operated Contactor



Energy saving
35%

DC Coils with no Inrush Pick-Up Current

Besides low energy consumption, DC coils allow direct control of CWB contactors via PLC or digital outputs of devices such as VSDs or Soft-Starters without the need of interface relays.



Eco-**Friendly**

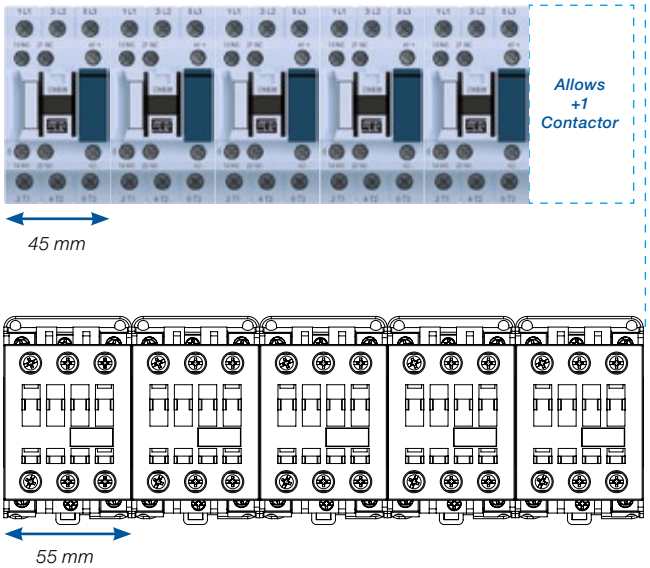
The CWB line uses only nontoxic and eco-friendly materials in compliance with RoHs requirements.

RoHS COMPLIANT

Easy Panel **Optimization**

Compact Solution

Because they are compact, 45 mm wide and available in up to 38 A (18.5 kW @ 400 V), CWB contactors lead to an overall reduction in size of electric panels if compared to traditional solutions of contactors with the same ratings.

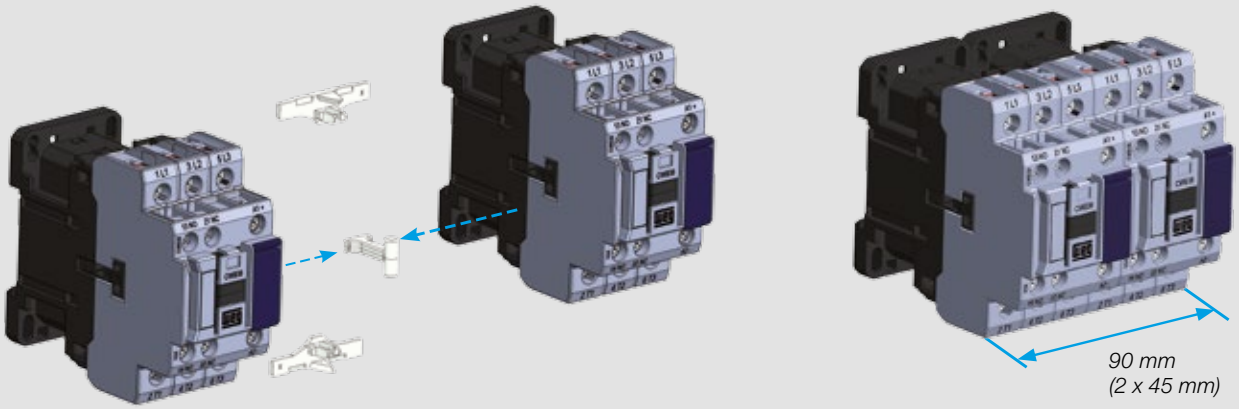


Built-in Auxiliary Contacts 1NO + 1NC

The configuration of two built-in auxiliary contacts (1NO + 1NC) makes the application of CWB contactors more flexible in most automation systems, contributing to the optimization of internal space of electrical panels.

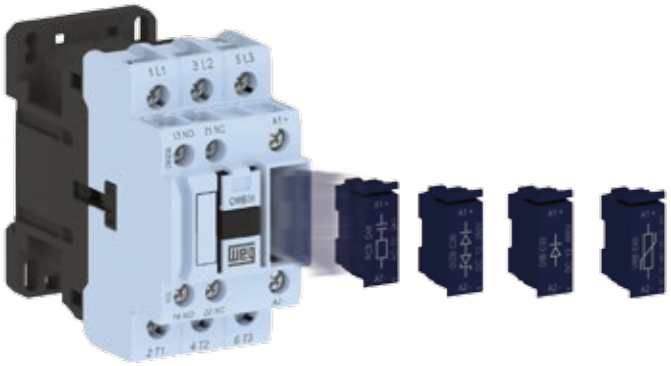
"Zero-Width" Mechanical Interlock

For applications which require mechanical interlock between contactors, WEG has developed a new mechanical system that ensures compact and easy mounting without the need of any tools. WEG's new mechanical interlock system allows the mechanical interlock between two contactors of the CWB line with "zero" additional side space and it is possible to assemble 90 mm wide reversing starters of up to 38 A.



Simple and Compact Mounting of Surge Suppressor Blocks

The coils of CWB contactors operate smoothly with a low level of disturbance in the control circuits. However, in order to reduce voltage surges due to the coil switching even further, WEG has developed surge suppressor blocks especially for the CWB line of contactors, which ensure limitation or even completely eliminate the undesired interferences that may be caused on opening the contactor coil. Surge suppressor blocks are easily mounted on CWB contactors without the need of any kind of tools and also without increasing volume.

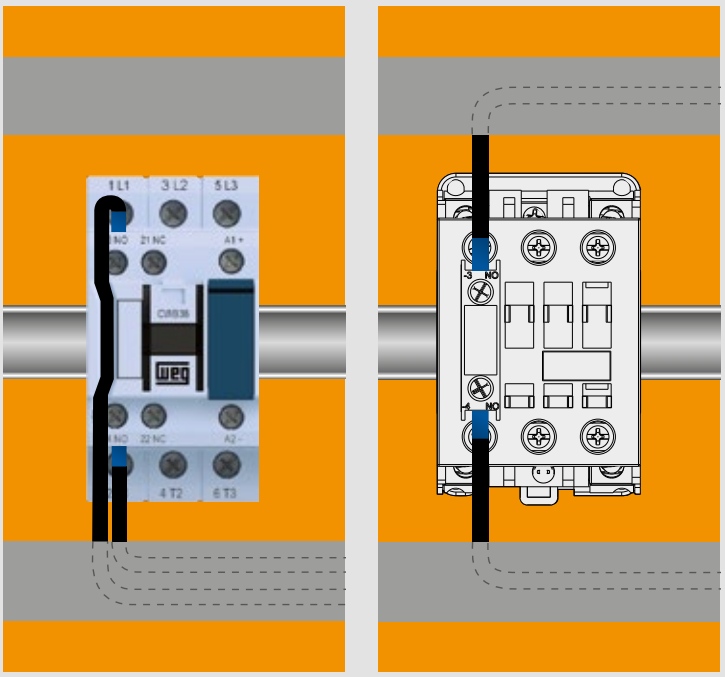


Contactor Coil Operated on A.C. or D.C.

Wide range of voltages available in only two coil versions (one for A.C. and another for D.C.) to fit the whole range of contactors from 9 to 38 A. Easy A.C. coil replacement and visual coil voltage indication.

Contactor with A.C. coil

Contactor with D.C. coil



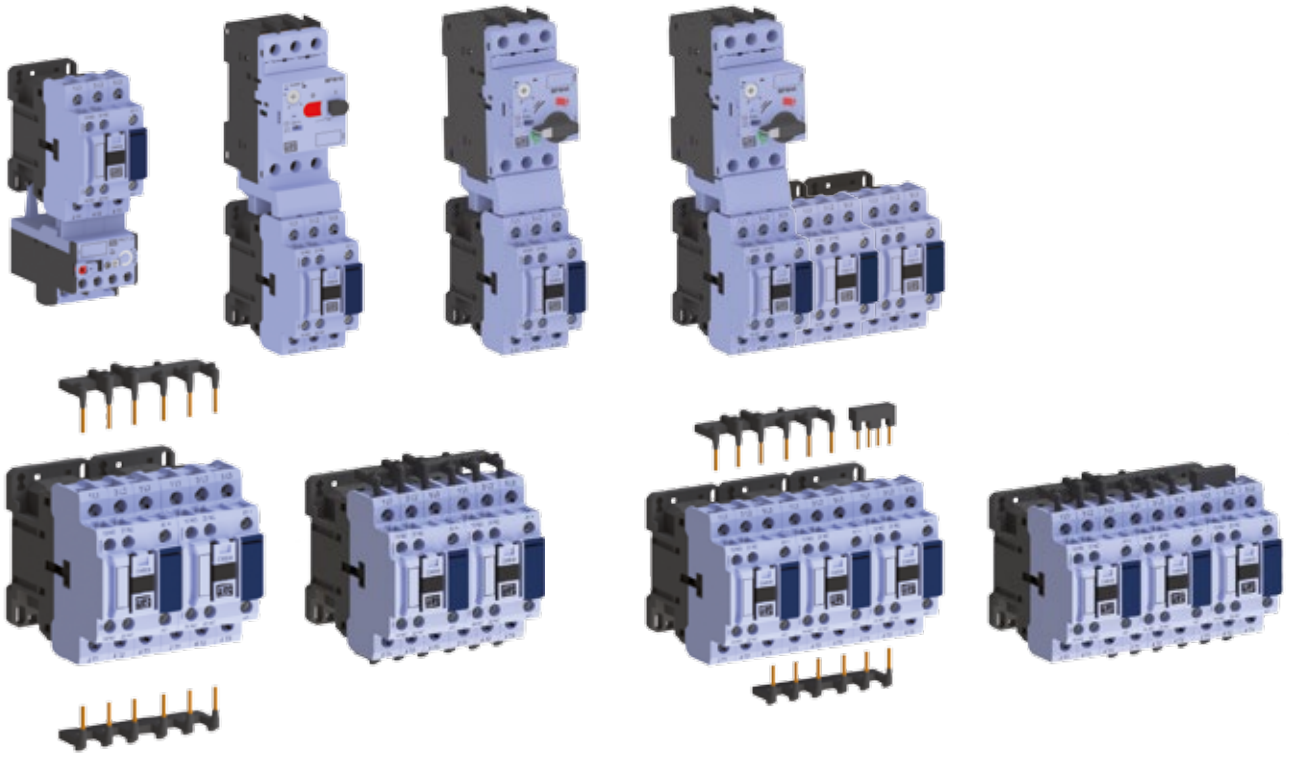
More Simple and Organized Control Circuits

In order to optimize space in electric panels even more, the WEG CWB contactor line has a front channel for the passage of control cables.
This could reduce or eliminate the need of control cable passage through the side or front part of contactors providing a “cleaner” and more organized assembly of the control circuit.

Flexibility and **Modularity** in Assembly of Electric Panels

Easy-Connection Busbars and Connectors

The harmonious integration between the WEG CWB line of contactors and overload relays and motor protective circuit breakers allows fast and easy assembly of compact starters and protection sets of LV electric motors with excellent cost-benefit.
The modularity and flexibility of easy-connection busbars and connectors reduce assembly time, besides preventing errors.
Available for CWB contactors up to 38 A, easy-connection allows the combined assembly with WEG motor protective circuit breakers and thermal overload relays forming compact and robust DOL starters (reversing and non-reversing) and star-delta starters.

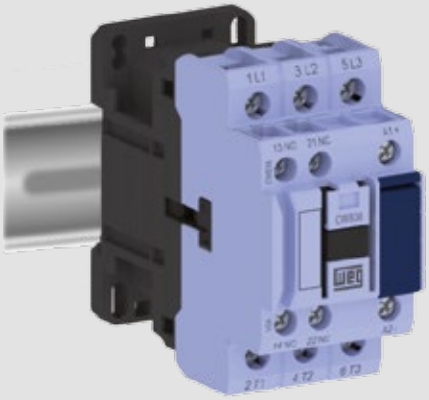


Easy Access Power and Control Terminals

All power terminals, auxiliary contacts and coils provide users with fast front access, facilitating installation, measurements and interventions for preventive and corrective maintenance of starters.

Additional Contact Blocks

Besides the 1NO + 1NC built-in auxiliary contacts, in order to meet the most complex control needs, WEG has also developed auxiliary high performance contact blocks which can be easily mounted on the front or side of CWB contactors, allowing the combination of up to six auxiliary contacts per contactor up to 38 A.
An important characteristic of the side auxiliary contact blocks of the CWB line is the small dimension (only 9 mm wide) which meets the requirements of modularity, allowing more compact combinations of motor starters with motor protective circuit breakers when easy-connection busbars are used.



Panel Assembly Flexibility

CWB contactors can be easily assembled on panels using 35 mm DIN rails or screws because their oblong holes are compatible with the old and traditional lines of contactors on the market.

Safety

Safety Against Accidental Contact

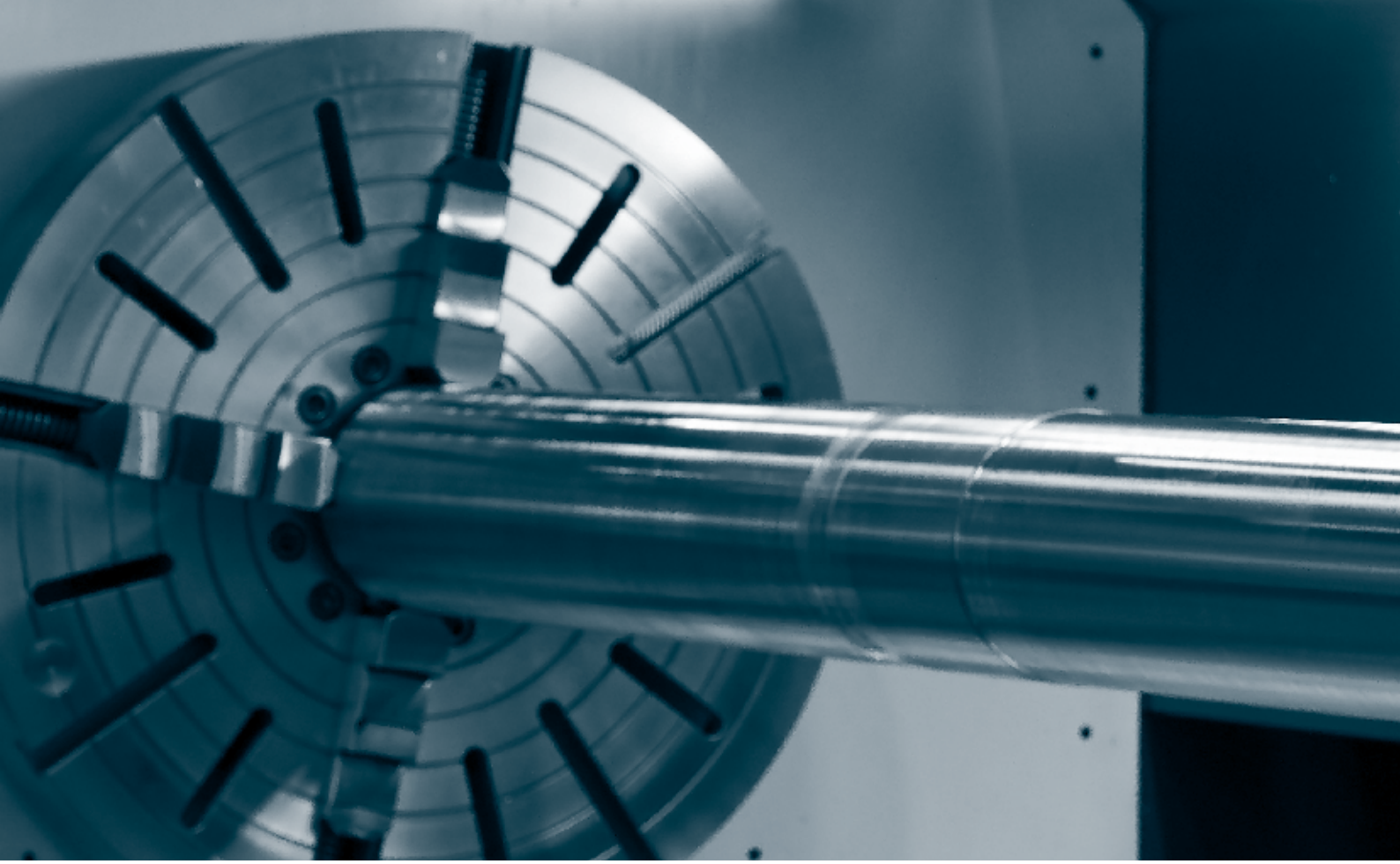
All power and control terminals of CWB contactors have IP20 degree of protection, ensuring total safety against accidental frontal contact.

Safety-Related Applications

In automation systems of machines and equipment, it is common to use special contactors in combination with specific safety relays. The new WEG CWB contactors allow this combination due to the arrangement of the contacts which meets IEC 60947-4-1 Annex F (Mirror Contact) and IEC 60947-5-1 Annex L (Mechanically Linked Contact) requirements.

IEC 60947-5-1
Mechanically Linked Contacts

IEC 60947-4-1
Mirror Contacts



Selection Table

Three-Pole CWB Contactors from 9 up to 38 A (AC-3)

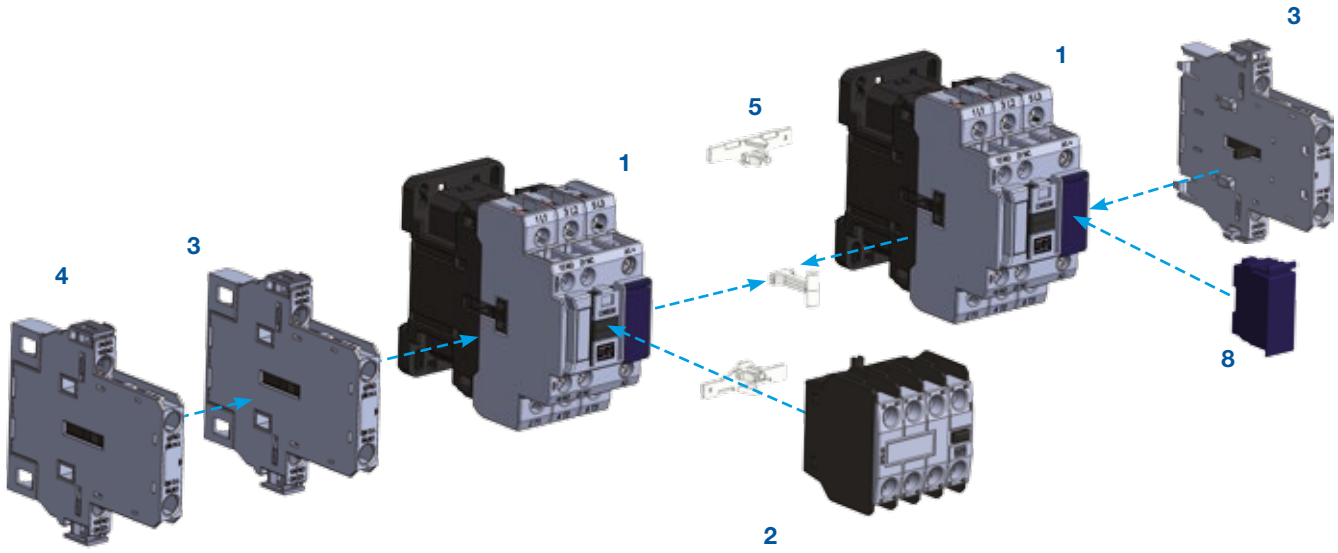
I_e máx. ($U_e \leq 440$ V)	$I_e = I_{th}$ ($U_e \leq 690$ V) $\theta \leq 55$ °C	Orientative rated operational power of three-phase motors 50/60 Hz					Built-in auxiliary contacts per contactor		Reference code	Weight	
AC-3	AC-1	220 V 230 V	380 V 400 V	415 V 440 V	500 V	660 V 690 V	•3 •4	•1 •2		AC coil	DC coil
A	A	kW / hp	kW / hp	kW / hp	kW / hp	kW / hp	NO	NC		kg	kg
9	25	2.2 / 3	3.7 / 5	4.5 / 6	5.5 / 7.5	5.5 / 7.5	1	1	CWB9L-11-30♦	0.404	0.525
12	25	3 / 4	5.5 / 7.5	5.5 / 7.5	7.5 / 10	7.5 / 10	1	1	CWB12L-11-30♦	0.404	0.525
18	32	4.5 / 6	7.5 / 10	9.2 / 12.5	9.2 / 12.5	11 / 15	1	1	CWB18L-11-30♦	0.404	0.525
25	40	5.5 / 7.5	11 / 15	11 / 15	15 / 20	15 / 20	1	1	CWB25-11-30♦	0.408	0.529
32	45	7.5 / 10	15 / 20	15 / 20	18.5 / 25	18.5 / 25	1	1	CWB32-11-30♦	0.408	0.529
38	50	11 / 15	18.5 / 25	18.5 / 25	18.5 / 25	18.5 /25	1	1	CWB38-11-30♦	0.408	0.529

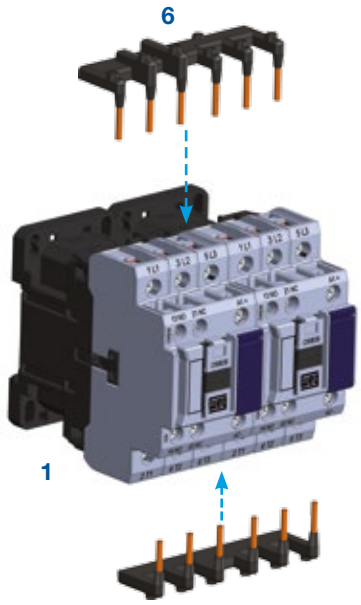
To complete the reference code, replace "♦" by the appropriate coil voltage code.

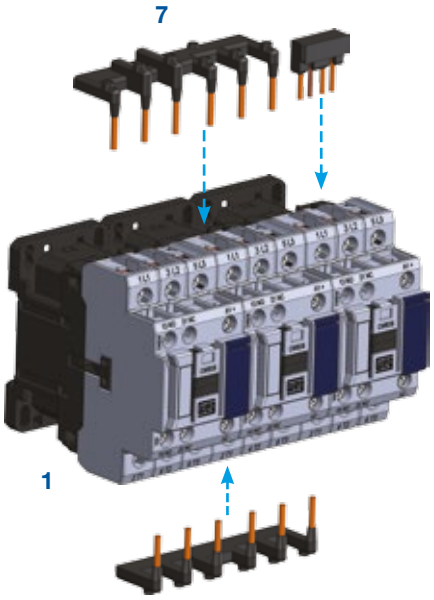
Coil voltage code	D02	D07	D13	D23	D24	D25	D33	D34	D35	D36	D39
V (50/60 Hz)	24	48	110	220	230	240	380	400	415	440	480

Coil voltage code	C02	C03	C07	C09	C12	C13	C15
V dc	12	24	48	60	110	125	220

Accessories Overview







1 - Contactors CWB9…38
2 - Front mounted auxiliary contact blocks BFB
3 - Side mounted auxiliary contact blocks BLB
4 - Side mounted auxiliary contact blocks BLRB
5 - Mechanical interlock kit IM1
6 - Easy connection to Easy Reversing Starters EC-R-1
7 - Easy connection to Easy Star-Delta Starters EC-SD-1
8 - Surge suppressor blocks RCB, VRB, DIB and DIZB

Easy **Starters**

Complementing the new CWB line of contactors, WEG is also launching the 45 mm wide motor protective circuit breakers, MPW40 of 0.16 to 40 A and MPW18 of 0.16 up to 18 A, with the same visual pattern and identity of the WEG brand.
The current CWC line (WEG Compact Contactors) and the RW17D and RW27D lines of thermal overload relays are also being redesigned with the visual pattern and identity of the WEG brand to become part of the new family of components for **protection** and **starting** of electric motors.

With the new CWB line of contactors and the new MPW motor protective circuit breaker, RW-D thermal overload relay and CWC compact contactor, WEG now offers a complete and compact line of starters that stands out on the market with:

Easy Installation

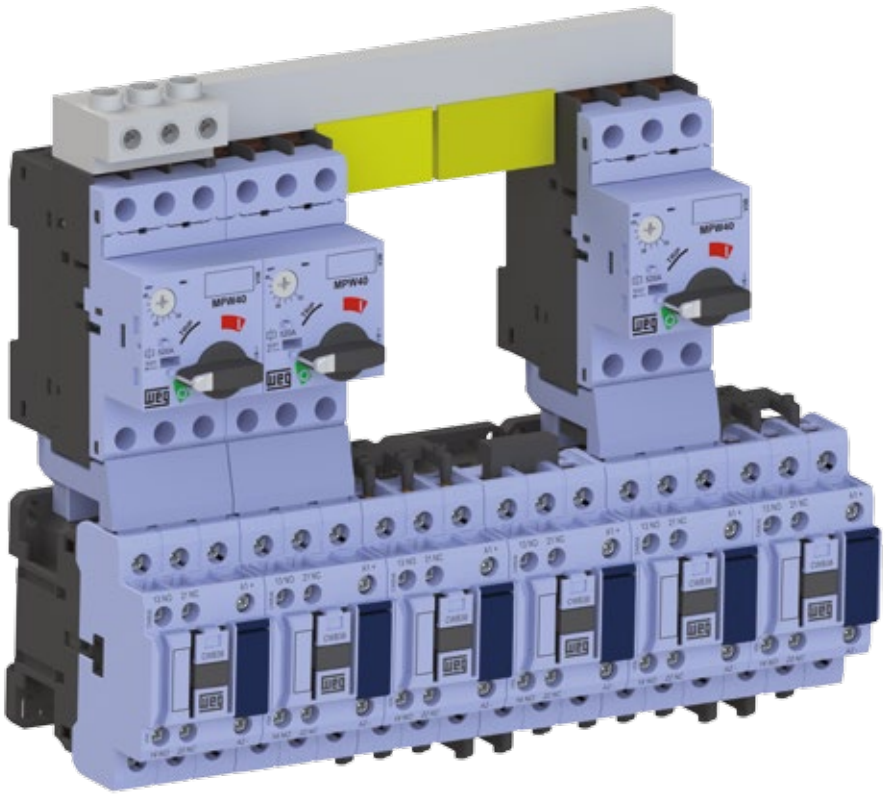
- CWB contactors, overload relays and motor protective circuit breakers in compact design up to 38 A (18.5 kW @ 380/415 V)
- Easy connection busbars and connectors for DOL, (reversing and non-reversing) and star-delta starters saving assembly time
- Easy combination among all starter components
- Contactors with built-in 1NO + 1NC auxiliary contacts

Easy Panel Optimization

- 45 mm up to 38 A
- 9 mm wide side auxiliary contact blocks
- Very compact starters
- Mechanical interlock with “zero” additional side space
- Simple and reliable components

Easy Operation

- High performance and reliability for a wide variety of applications
- Energy savings
- No inrush current on pick-up for DC operated contactors
- Integrated overload and/or short circuit protection (when using MPW)



Selection **Table**

Contactor + Overload Relay

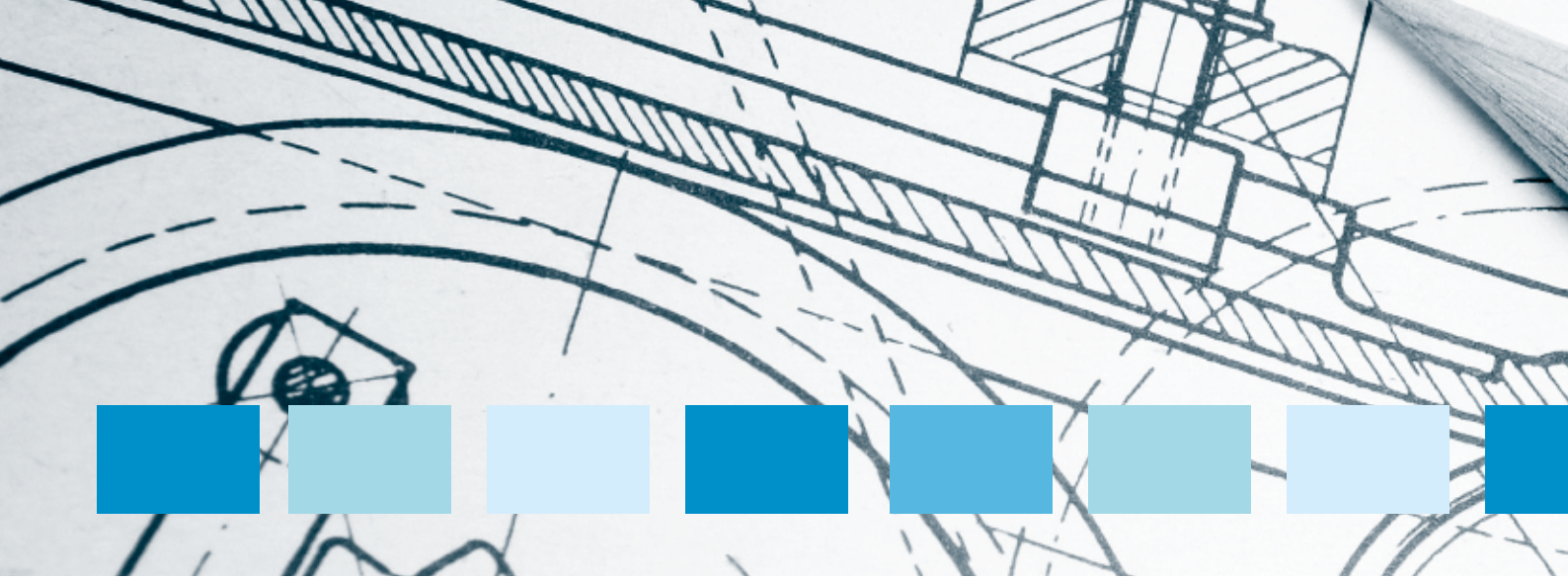
- Remote load switching
- Overload protection
- Tripping class 10
- Phase-loss sensibility
- Hand/Auto/Reset button
- Temperature compensation

Orientative motor information		Contactor		Overload relay		Open Starter ODW2 (contactor + overload relay)			
Rated operational power of three-phase motors 380-415 V 50/60 Hz kW / hp	Rated operational current (A)	Reference code	Maximum rated current AC-3 (A)	Reference code	Setting overload release I (A)	Reference code	Setting current (A)	Maximum gL/gG fuse (Type 1 Coordination) (A)	Maximum gL/gG fuse (Type 2 Coordination) (A)
0.09 / 0.12	0.3	CWB9L-11-30♦	9	RW27-2D3-D004	0.28...0.4	ODW2-B9L-11♦-D004	0.28...0.4	2	2
0.12 / 0.16	0.5	CWB9L-11-30♦	9	RW27-2D3-C063	0.43...0.63	ODW2-B9L-11♦-C063	0.43...0.63	2	2
0.18 / 0.25	0.6	CWB9L-11-30♦	9	RW27-2D3-D008	0.56...0.8	ODW2-B9L-11♦-D008	0.56...0.8	2	2
0.25 / 0.33	0.8	CWB9L-11-30♦	9	RW27-2D3-D012	0.8...1.2	ODW2-B9L-11♦-D012	0.8...1.2	4	4
0.37 / 0.5	1.2	CWB9L-11-30♦	9	RW27-2D3-D018	1.2...1.8	ODW2-B9L-11♦-D018	1.2...1.8	6	6
0.75 / 1	1.8	CWB9L-11-30♦	9	RW27-2D3-D028	1.8...2.8	ODW2-B9L-11♦-D028	1.8...2.8	6	6
1.5 / 2	3.7	CWB9L-11-30♦	9	RW27-2D3-U004	2.8...4	ODW2-B9L-11♦-U004	2.8...4	10	10
2.2 / 3	5	CWB9L-11-30♦	9	RW27-2D3-D063	4...6.3	ODW2-B9L-11♦-D063	4...6.3	16	16
-	-	CWB9L-11-30♦	9	RW27-2D3-U008	5.6...8	ODW2-B9L-11♦-U008	5.6...8	20	20
4.5 / 6	9.6	CWB9L-11-30♦	9	RW27-2D3-U010	7...10	ODW2-B9L-11♦-U010	7...9	25	25
4.5 / 6	9.6	CWB12L-11-30♦	12	RW27-2D3-D125	8...12.5	ODW2-B12L-11♦-D125	8...12	25	25
-	-	CWB18L-11-30♦	18	RW27-2D3-U015	10...15	ODW2-B18L-11♦-U015	10...15	35	35
7.5 / 10	15.2	CWB18L-11-30♦	18	RW27-2D3-U017	11...17	ODW2-B18L-11♦-U017	11...17	40	35
9.2 / 12.5	18.5	CWB25-11-30♦	25	RW27-2D3-U023	15...23	ODW2-B25-11♦-U023	15...23	50	50
11 / 15	22	CWB32-11-30♦	32	RW27-2D3-U032	22...32	ODW2-B32-11♦-U032	22...32	63	63
15 / 20	30.6	CWB38-11-30♦	38	RW27-2D3-U040	25...40	ODW2-B38-11♦-U040	25...38	90	80
18.5 / 25	38	CWB38-11-30♦	38	RW27-2D3-U040	25...40	ODW2-B38-11♦-U040	25...38	90	80

To complete the reference code, replace "♦" by the appropriate coil voltage code.

Coil voltage code	D02	D07	D13	D23	D24	D25	D33	D34	D35	D36	D39
V (50/60 Hz)	24	48	110	220	230	240	380	400	415	440	480

Coil voltage code	C02	C03	C07	C09	C12	C13	C15
V dc	12	24	48	60	110	125	220

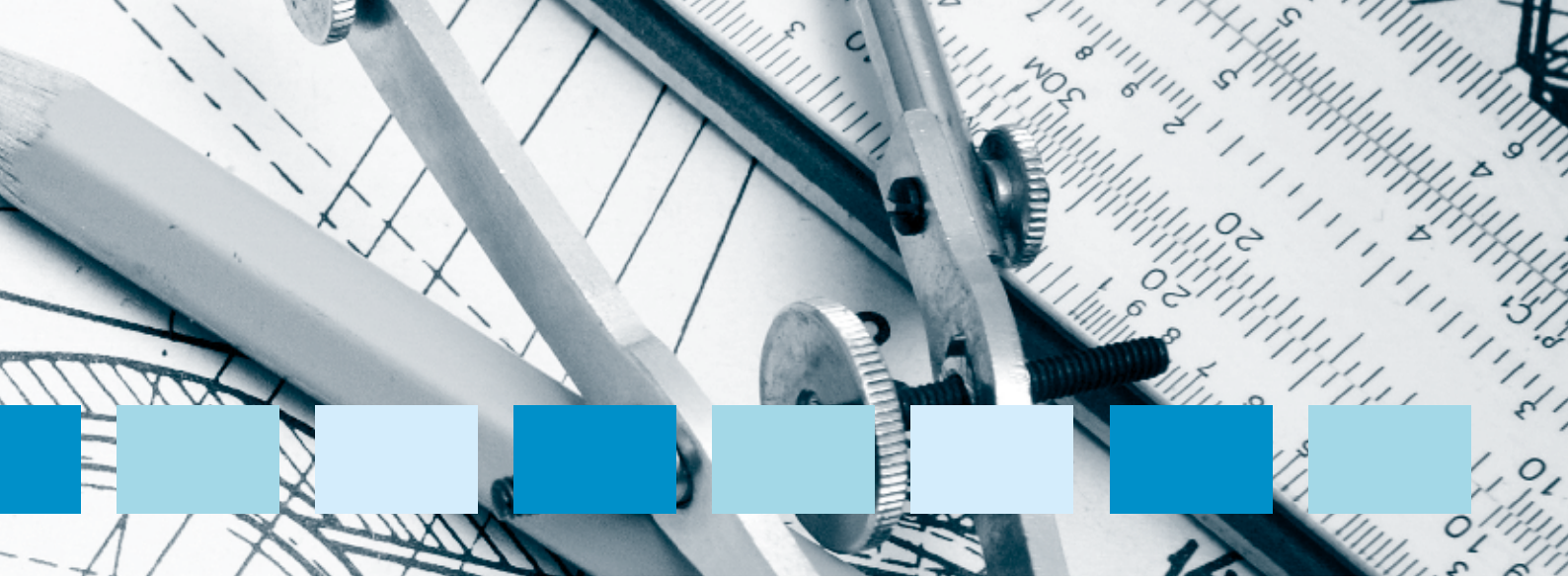


Motor Protective Circuit Breaker MPW18 + Contactor

- Main switch function
- Remote load switching
- Short-circuit protection
- Fixed short-circuit release in 13 x Iu
- Overload protection
- Tripping class 10
- Phase-loss sensibility
- Temperature compensation
- High short-circuit breaking capacity

Orientative motor information		Motor protective circuit breaker			Contactor	Block module assembly	Open Starter ODW3 (motor protective circuit breaker + block module assembly + contactor)		
Rated operational power of three-phase motors 380-415 V 50/60 Hz kW / hp	Rated operational current (A)	Reference code	Setting overload release (A)	Instantaneous magnetic trip Irm (A)	Reference code	Reference code	Reference code	Maximum rated current (A)	Rated conditional short-circuit current Iq (Type 1 Coordination)
-		MPW18-3-C016	0.1...0.16	2.0	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18C016	0.16	50 kA
0.06 / 0.08	0.22	MPW18-3-C025	0.16...0.25	3.2	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18C025	0.25	50 kA
0.09 / 0.12	0.3	MPW18-3-D004	0.25...0.4	5.2	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18D004	0.4	50 kA
0.12 / 0.16	0.5	MPW18-3-C063	0.4...0.63	8.1	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18C063	0.63	50 kA
0.25 / 0.33	0.8	MPW18-3-U001	0.63...1	13	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18U001	1	50 kA
0.37 / 0.5	1.2	MPW18-3-D016	1...1.6	20.8	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18D016	1.6	50 kA
0.75 / 1	1.8	MPW18-3-D025	1.6...2.5	32.5	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18D025	2.5	50 kA
1.5 / 2	3.7	MPW18-3-U004	2.5...4	52	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18U004	4	50 kA
2.2 / 3	5	MPW18-3-D063	4...6.3	81.9	CWB9L-11-30♦	ECCMP-18B38	ODW3-B9L-11♦-18D063	6.3	50 kA
4.5 / 6	9.6	MPW18-3-U010	6.3...10	130	CWB12L-11-30♦	ECCMP-18B38	ODW3-B12L-11♦-18U010	10	50 kA
7.5 / 10	15.2	MPW18-3-U016	10...16	208	CWB18L-11-30♦	ECCMP-18B38	ODW3-B18L-11♦-18U016	16	10 kA
7.5 / 10	15.2	MPW18-3-U018	12...18	208	CWB18L-11-30♦	ECCMP-18B38	ODW3-B18L-11♦-18U018	18	10 kA

To complete the reference code, replace "♦" by the appropriate coil voltage code.



Motor Protective Circuit Breaker MPW40 + Contactor

- Main switch function
- Remote load switching
- Short-circuit protection
- Fixed short-circuit release in 13 x Iu
- Overload protection
- Tripping class 10
- Phase-loss sensibility
- Temperature compensation
- High short-circuit breaking capacity

Orientative motor information		Motor protective circuit breaker			Contactor	Block module assembly	Open Starter ODW3 (motor protective circuit breaker + block module assembly + contactor)		
Rated operational power of three-phase motors 380-415 V 50/60 Hz kW / hp	Rated operational current (A)	Reference code	Setting overload release (A)	Instantaneous magnetic trip Irm (A)	Reference code	Reference code	Reference code	Maximum rated current (A)	Rated conditional short-circuit current Iq (Type 1 Coordination)
-		MPW40-3-C016	0.1...0.16	2.0	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40C016	0.16	50 kA
0.06 / 0.08	0.22	MPW40-3-C025	0.16...0.25	3.2	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40C025	0.25	50 kA
0.09 / 0.12	0.3	MPW40-3-D004	0.25...0.4	5.2	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40D004	0.4	50 kA
0.12 / 0.16	0.5	MPW40-3-C063	0.4...0.63	8.1	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40C063	0.63	50 kA
0.25 / 0.33	0.8	MPW40-3-U001	0.63...1	13	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40U001	1	50 kA
0.37 / 0.5	1.2	MPW40-3-D016	1...1.6	20.8	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40D016	1.6	50 kA
0.75 / 1	1.8	MPW40-3-D025	1.6...2.5	32.5	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40D025	2.5	50 kA
1.5 / 2	3.7	MPW40-3-U004	2.5...4	52	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40U004	4	50 kA
2.2 / 3	5	MPW40-3-D063	4...6.3	81.9	CWB9L-11-30♦	ECCMP-40B38	ODW3-B9L-11♦-40D063	6.3	50 kA
4.5 / 6	9.6	MPW40-3-U010	6.3...10	130	CWB12L-11-30♦	ECCMP-40B38	ODW3-B12L-11♦-40U010	10	50 kA
7.5 / 10	15.2	MPW40-3-U016	10...16	208	CWB18L-11-30♦	ECCMP-40B38	ODW3-B18L-11♦-40U016	16	50 kA
9.2 / 12.5	18.5	MPW40-3-U020	16...20	260	CWB25-11-30♦	ECCMP-40B38	ODW3-B25-11♦-40U020	20	50 kA
11 / 15	22	MPW40-3-U025	20...25	325	CWB25-11-30♦	ECCMP-40B38	ODW3-B25-11♦-40U025	25	50 kA
15 / 20	30.6	MPW40-3-U032	25...32	416	CWB32-11-30♦	ECCMP-40B38	ODW3-B32-11♦-40U032	32	50 kA
18.5 / 25	38	MPW40-3-U040	32...40	520	CWB38-11-30♦	ECCMP-40B38	ODW3-B38-11♦-40U040	40	30 kA

To complete the reference code, replace "♦" by the appropriate coil voltage code.

Coil voltage code	D02	D07	D13	D23	D24	D25	D33	D34	D35	D36	D39
V (50/60 Hz)	24	48	110	220	230	240	380	400	415	440	480

Coil voltage code	C02	C03	C07	C09	C12	C13	C15
V dc	12	24	48	60	110	125	220

Notes

Notes

WEG Worldwide Operations

ARGENTINA
WEG EQUIPAMIENTOS ELECTRICOS
San Francisco - Cordoba
Phone: +54 3564 421 484
info-ar@weg.net
www.weg.net/ar

WEG PINTURAS - Pulverlux
Buenos Aires
Phone: +54 11 4299 8000
tintas@weg.net

AUSTRALIA
WEG AUSTRALIA
Victoria
Phone: +61 3 9765 4600
info-au@weg.net
www.weg.net/au

AUSTRIA
WATT DRIVE - WEG Group
Markt Piesting - Vienna
Phone: +43 2633 404 0
watt@wattdrive.com
www.wattdrive.com

BELGIUM
WEG BENELUX
Nivelles - Belgium
Phone: +32 67 88 84 20
info-be@weg.net
www.weg.net/be

BRAZIL
WEG EQUIPAMENTOS ELÉTRICOS
Jaraguá do Sul - Santa Catarina
Phone: +55 47 3276-4002
info-br@weg.net
www.weg.net/br

CHILE
WEG CHILE
Santiago
Phone: +56 2 784 8900
info-cl@weg.net
www.weg.net/cl

CHINA
WEG NANTONG
Nantong - Jiangsu
Phone: +86 0513 8598 9333
info-cn@weg.net
www.weg.net/cn

COLOMBIA
WEG COLOMBIA
Bogotá
Phone: +57 1 416 0166
info-co@weg.net
www.weg.net/co

FRANCE
WEG FRANCE
Saint Quentin Fallavier - Lyon
Phone: +33 4 74 99 11 35
info-fr@weg.net
www.weg.net/fr

GERMANY
WEG GERMANY
Kerpen - North Rhine Westphalia
Phone: +49 2237 9291 0
info-de@weg.net
www.weg.net/de

GHANA
ZEST ELECTRIC GHANA
WEG Group
Accra
Phone: +233 30 27 664 90
info@zestghana.com.gh
www.zestghana.com.gh

INDIA
WEG ELECTRIC INDIA
Bangalore - Karnataka
Phone: +91 80 4128 2007
info-in@weg.net
www.weg.net/in

WEG INDUSTRIES INDIA
Hosur - Tamil Nadu
Phone: +91 4344 301 501
info-in@weg.net
www.weg.net/in

ITALY
WEG ITALIA
Cinisello Balsamo - Milano
Phone: +39 02 6129 3535
info-it@weg.net
www.weg.net/it

JAPAN
WEG ELECTRIC MOTORS JAPAN
Yokohama City - Kanagawa
Phone: +81 45 550 3030
info-jp@weg.net
www.weg.net/jp

MALAYSIA
WATT EURO-DRIVE - WEG Group
Shah Alam, Selangor
Phone: 603 78591626
info@wattdrive.com.my
www.wattdrive.com

MEXICO
WEG MEXICO
Huehuetoca
Phone: +52 55 5321 4231
info-mx@weg.net
www.weg.net/mx

VOLTRAN - WEG Group
Tizayuca - Hidalgo
Phone: +52 77 5350 9354
www.voltran.com.mx

NETHERLANDS
WEG NETHERLANDS
Oldenzaal - Overijssel
Phone: +31 541 571 080
info-nl@weg.net
www.weg.net/nl

PERU
WEG PERU
Lima
Phone: +51 1 472 3204
info-pe@weg.net
www.weg.net/pe

PORTUGAL
WEG EURO
Maia - Porto
Phone: +351 22 9477705
info-pt@weg.net
www.weg.net/pt

RUSSIA and CIS
WEG ELECTRIC CIS
Saint Petersburg
Phone: +7 812 363 2172
info-ru@weg.net
www.weg.net/ru

SOUTH AFRICA
ZEST ELECTRIC MOTORS
WEG Group
Johannesburg
Phone: +27 11 723 6000
info@zest.co.za
www.zest.co.za

SPAIN
WEG IBERIA
Madrid
Phone: +34 91 655 30 08
info-es@weg.net
www.weg.net/es

SINGAPORE
WEG SINGAPORE
Singapore
Phone: +65 68589081
info-sg@weg.net
www.weg.net/sg

SCANDINAVIA
WEG SCANDINAVIA
Kungsbacka - Sweden
Phone: +46 300 73 400
info-se@weg.net
www.weg.net/se

UK
WEG ELECTRIC MOTORS U.K.
Redditch - Worcestershire
Phone: +44 1527 513 800
info-uk@weg.net
www.weg.net/uk

UNITED ARAB EMIRATES
WEG MIDDLE EAST
Dubai
Phone: +971 4 813 0800
info-ae@weg.net
www.weg.net/ae

USA
WEG ELECTRIC
Duluth - Georgia
Phone: +1 678 249 2000
info-us@weg.net
www.weg.net/us

ELECTRIC MACHINERY
WEG Group
Minneapolis - Minnesota
Phone: +1 612 378 8000
www.electricmachinery.com

VENEZUELA
WEG INDUSTRIAS VENEZUELA
Valencia - Carabobo
Phone: +58 241 821 0582
info-ve@weg.net
www.weg.net/ve

For those countries where there is not a WEG own operation, find our local distributor at www.weg.net.

WEG Group - Automation Business Unit
Jaraguá do Sul - SC - Brazil
Phone: +55 47 3276 4000
automacao@weg.net
www.weg.net

Cod: 50041278 | Rev: 02 | Date (m/y): 02/2014