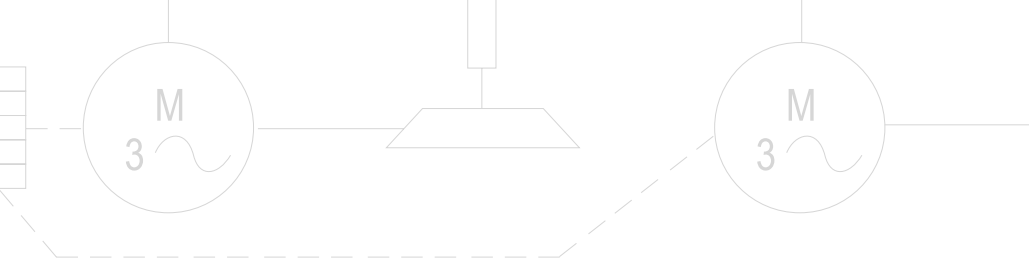
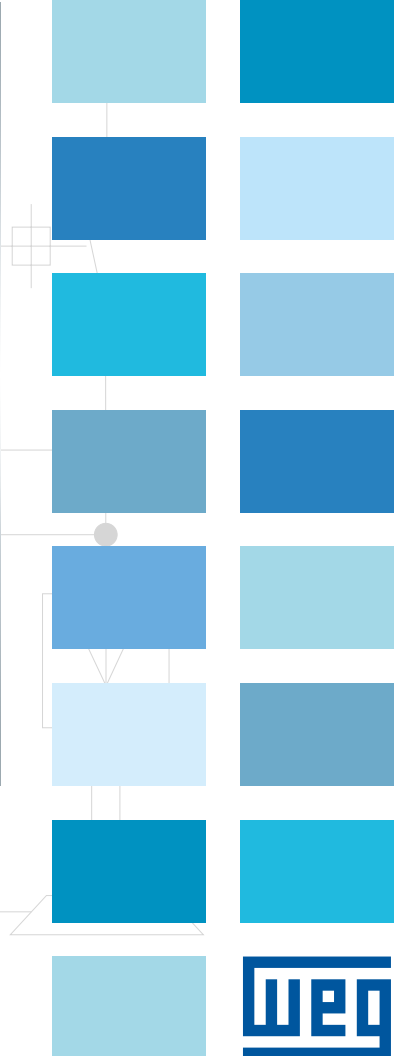
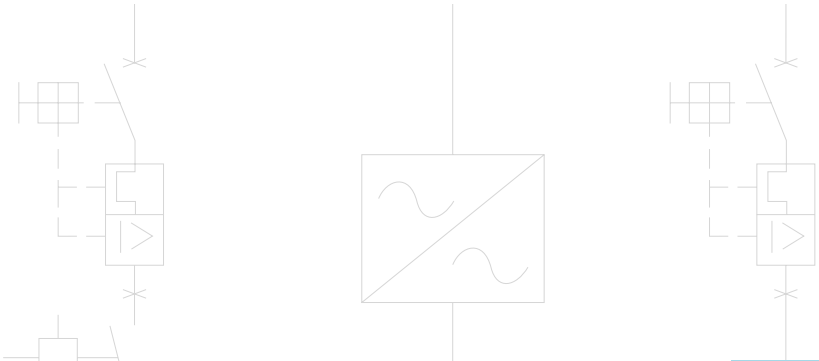


Reference Codes

Controls



Power Contactors

Model
CWMC
CWCO
CWCIO
CWCHO
CWM
CWB

Main contacts	Code
2NO	20
3NO	30
4NO	40
2NC	02
2NO+2NC	22

Terminal type	Code
Screw	Blank
For printed circuit board	I
Spring	S



Rated current In (AC-3)	Code
7 A	7
9 A	9
12 A	12
16 A	16
18 A	18
25 A	25
32 A	32
38 A	38
40 A	40
50 A	50
65 A	65
80 A	80
95 A	95
105 A	105
112 A	112
150 A	150
180 A	180
250 A	250
300 A	300
400 A	400
500 A	500
630 A	630
800 A	800

Auxiliary contacts	Code
1NO	10
1NC	01
1NO+1NC	11
1NO+3NC	13
2NO+2NC	22
3NO+1NC	31
4NO	40
4NC	04
4NO+4NC	44
None	00

Coil voltage	Code
24 V 50/60 Hz	D02
220 V 50/60 Hz	D23
24 V dc	C03
220 V dc	C15

Complete table at pages 21 and 22



Control Relays

Model
CWCA0

Coil voltage	Code
24 V 50/60 Hz	D02
220 V 50/60 Hz	D23
24 V dc	C03
220 V dc	C15
Complete table at pages 21 and 22	

C W C A 0 - 2 2 - 0 0 - V 4 0

Auxiliary contacts ¹⁾	Code
1NO+1NC	11
1NO+3NC	13
2NO+2NC	22
3NO+1NC	31
4NO	40
4NC	04
4NO+4NC	44
5NO+3NC	53
6NO+2NC	62
7NO+1NC	71
8NO	80
8NC	08

Terminal type	Code
Screw	Blank
For printed circuit board	I
Spring	S



Note: 1) Configurations with more than 4 auxiliary contacts can be achieved only by adding auxiliary contact blocks.

Overload Relays

Bimetallic Relays

Model
RW17
RW27
RW67
RW117
RW317
RW407

Connector links
1 D
2 D
5 D

Poles
2
3



R W 1 1 7 - 2 D 3 - U 0 8 0

Rated current (A)	Code
0.28-0.4	D004
0.4-0.63	C063
0.56-0.8	D008
0.8-1.2	D012
1.2-1.8	D018
1.8-2.8	D028
2.8-4	U004
4-6.3	D063
5.6-8	U008
7-10	U010
8-12.5	D125
10-15	U015
11-17	U017
15-23	U023
22-32	U032

Rated current (A)	Code
32-40	U040
25-40	U040
32-50	U050
40-57	U057
50-63	U063
57-70	U070
63-80	U080
75-97	U097
90-112	U112
100-150	U150
140-215	U215
200-310	U310
275-420	U420
400-600	U600
560-840	U840

Solid-State Relays

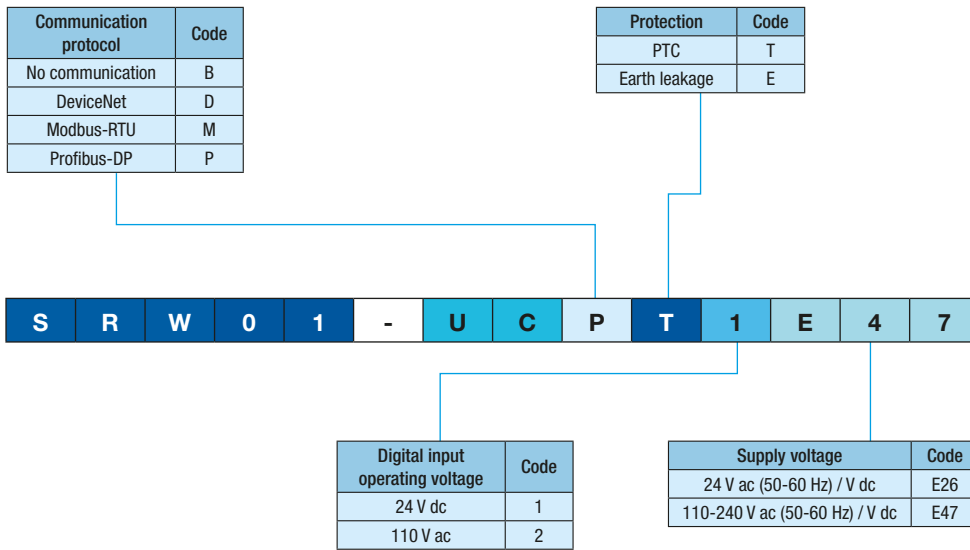
Model
RWB40
RWM40
RWM112
RWM420
RWM840

Rated current (A)	Code
0.4-2	U002
1.6-8	U008
5-25	U025
8-40	U040
14-56	U056
28-112	U112
50-250	U250
85-420	U420
170-840	U840

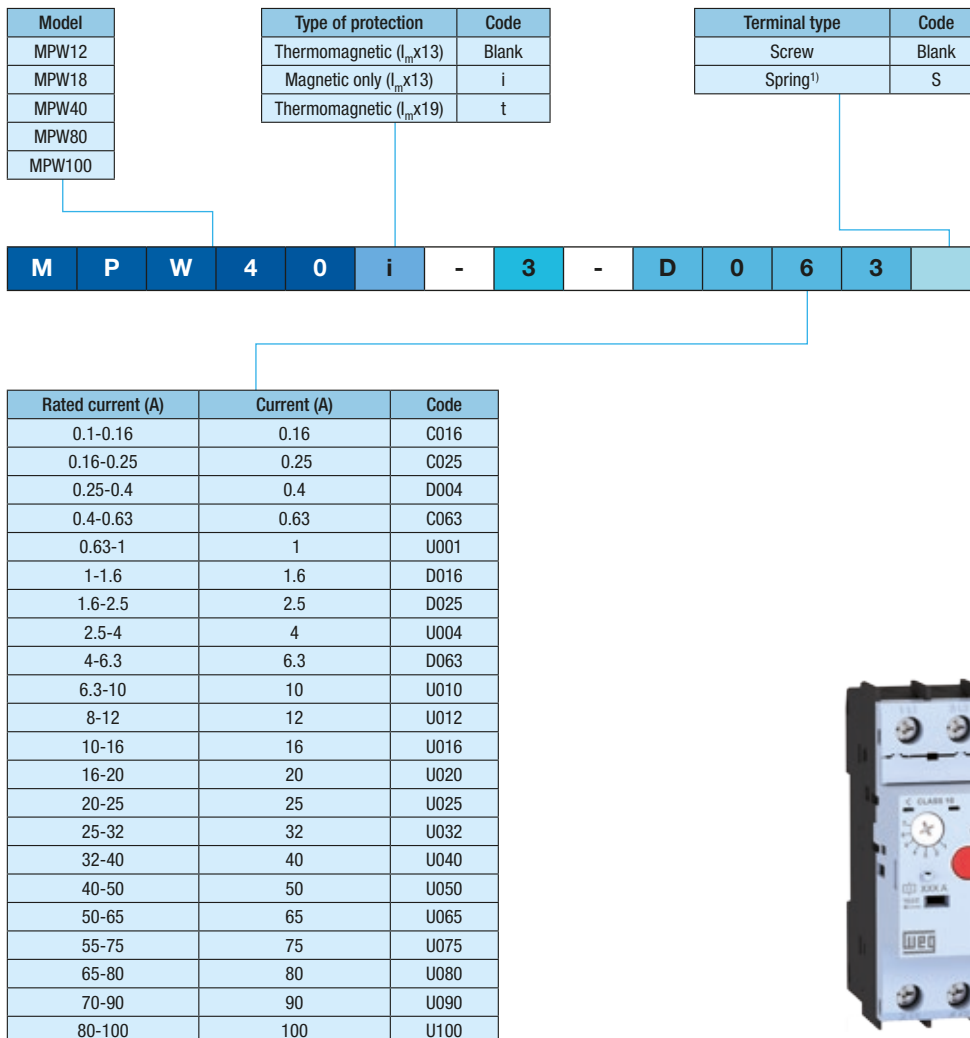


R W B 4 0 - 3 - A 4 U 0 4 0

Smart Relay - Control Unit



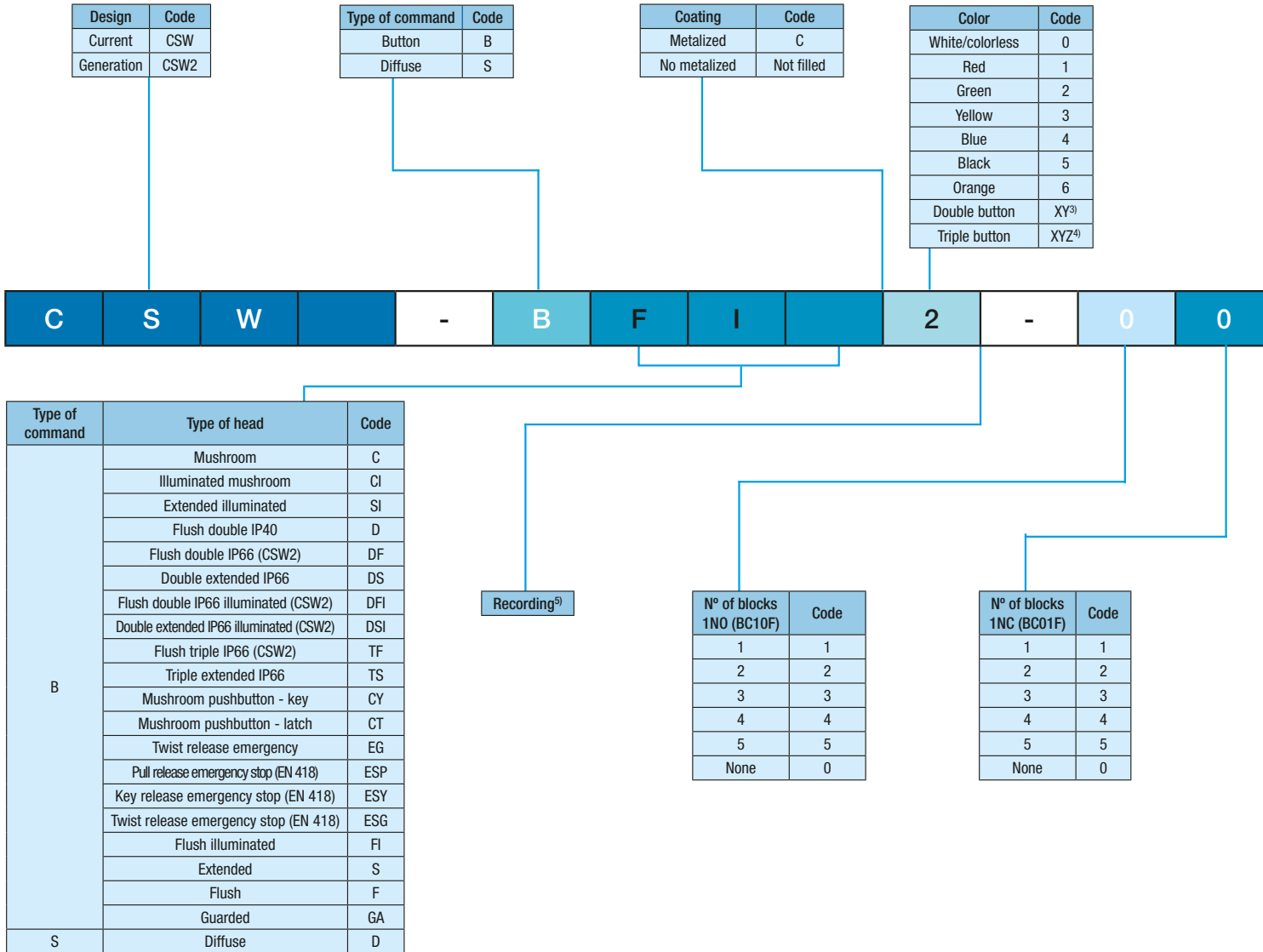
Motor Protective Circuit Breaker



Note: 1) Spring terminal available only for MPW12 (up to 12 A).

Pushbuttons - CSW Pushbuttons and Pilot Lights

Set with Head Type Button or Diffuse



Notes: 1) Flange AF3F (3 positions).

2) Flange AF5F (5 positions).

3) To double button using the code with 2 numbers:

Color	X	Y
-------	---	---

Example: Color 21

Up color

Down color



Up color green

Down color red

4) To tripple button using the code with 3 numbers:

Color	X	Y	Z
-------	---	---	---

Example: Color 550

Up color

Down color

Central color

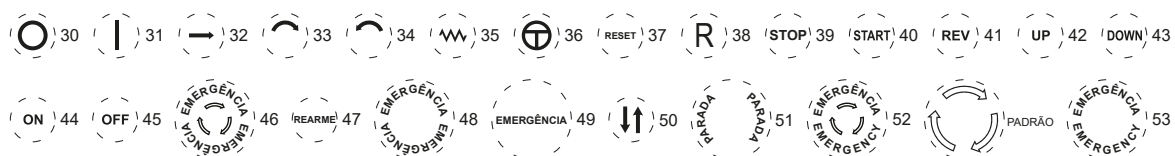


Up color black

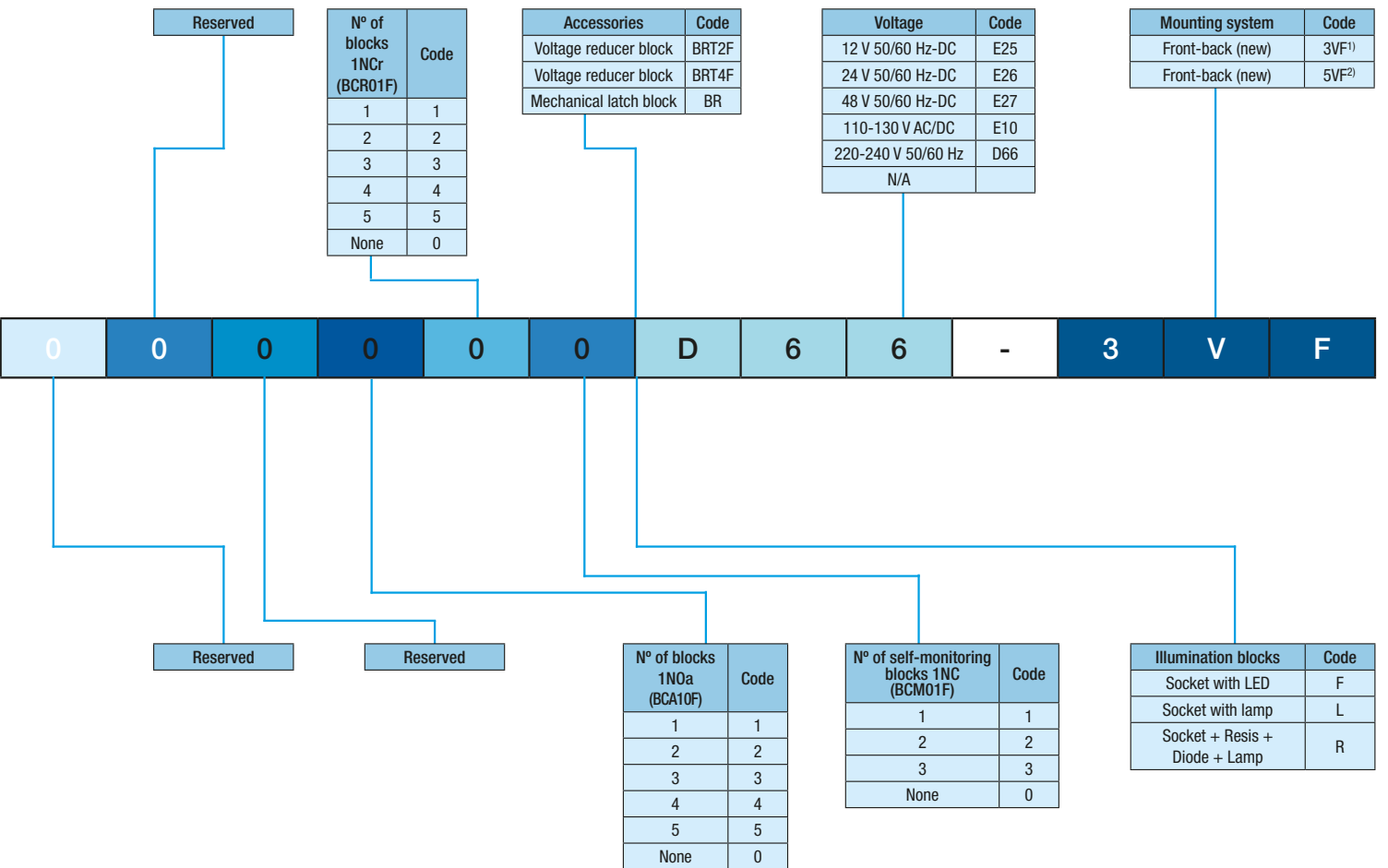
Central color white

Down color black

5) Use numbering according to record table:

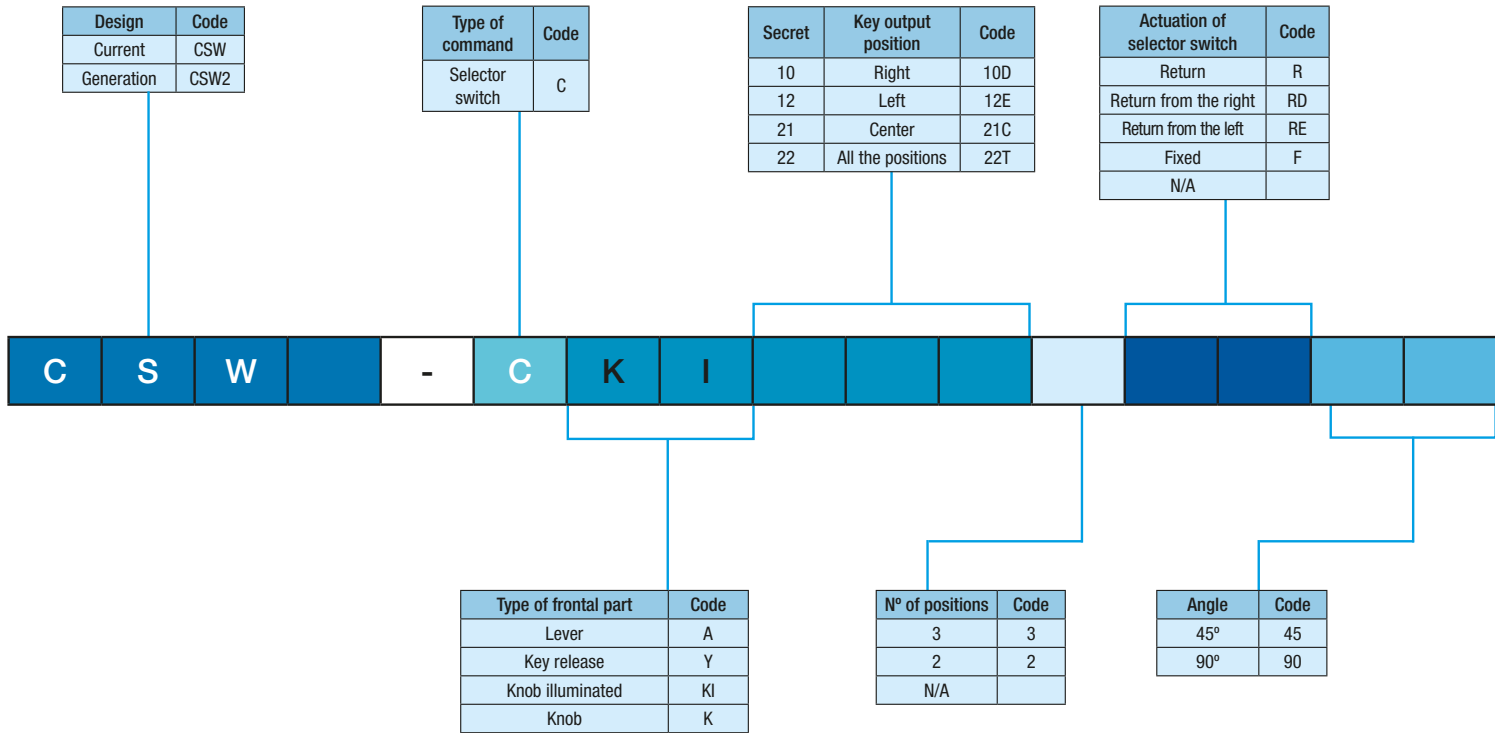


This coding is not allow to head type selector.



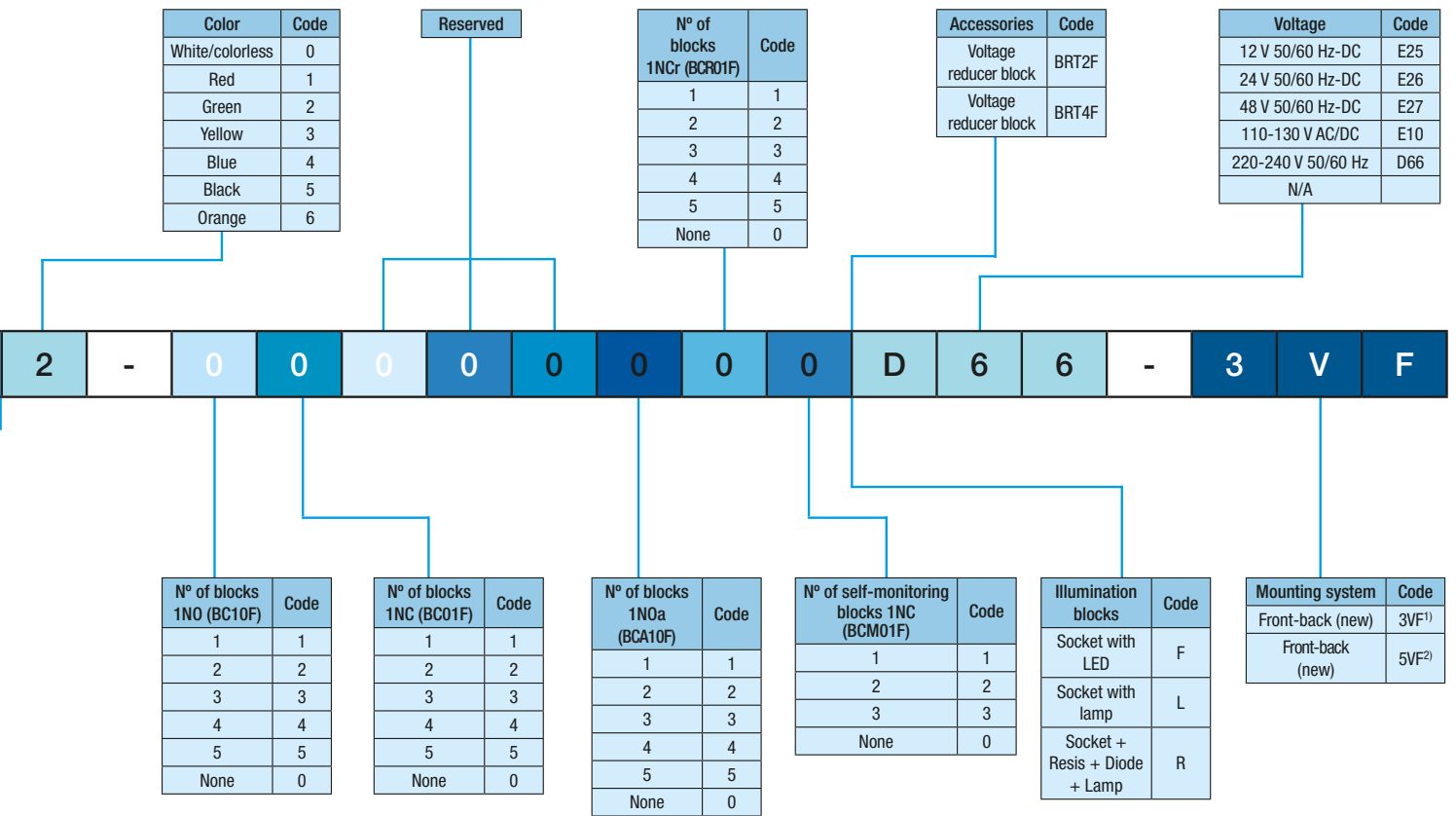
Selector Switches - CSW Pushbuttons and Pilot Lights

Set With Head Type Selector



Notes: 1) Flange AF3F (3 positions).
 2) Flange AF5F (5 positions).





Enclosed Direct On Line Starter

Model
DLW
DLWM
ESW
ESWS

Contactor AC-3 current	Contactor model	Code
7 A	CW07	7
	CWC07	07
9 A	CWM9	9
	CWC09	09
12 A	CWM12	12
	CWC012	012
16 A	CWC016	016
18 A	CWM18	18
25 A	CWM25	25
32 A	CWM32	32
40 A	CWM40	40
50 A	CWM50	50
65 A	CWM65	65
9 A	CWB9	B09
12 A	CWB12	B12
18 A	CWB18	B18
25 A	CWB25	B25
32 A	CWB32	B32
38 A	CWB38	B38
40 A	CWB40	B40
50 A	CWB50	B50
65 A	CWB65	B65
80 A	CWB80	B80

Pilot device type	Code	Available for model
Pushbutton Man-OFF-Auto + Start + Stop/Reset	B	DLW / DLWM
I - Reset (without pushbutton)	I	
Start + Stop/Reset (standard)	P	
Stop/Reset pushbutton	D	
Selector switch CSW - size 05 only	C	
Selector switch CSW (Man-OFF-Auto) + pushbutton Start + Stop/Reset - size 05 only	PC	ESW / ESWS
No pushbutton	E	
Start-Stop pushbutton	A	

D L W - B 0 7 D 2 4 P 6 5 - R 2 3

For line	CWB contactor

Coil voltage	Code
230 V 50/60 Hz	D24
400 V 50/60 Hz	D34
Complete table at pages 21 and 22	

Protection degree	Code
IP66 (DLW)	66
IP65 (DLW)	65
IP52 (DLW)	None
Type 4X (ESW/ESWS)	X

Overload relay	Code
RW17-1D3-C063	R02
RW17-1D3-D008	R03
Complete table at page 23	



Electronic Timing Relays



Type	Code
Single function	RTW
Multifunction	ERWT

Auxiliary contacts	
Type	Code
1 NOC ⁴⁾	01
2 NOC	02

Timing selection	
Time range	Code
0.1 - 1s ⁵⁾	U001S
0.3 - 3s	U003S
1 - 10s	U010S
3 - 30s	U030S
6 - 60s	U060S
10 - 100s	U100S
30 - 300s	U300S
1 - 10min ⁶⁾	U010M
3 - 30min ⁶⁾	U030M
0.1s - 10min ⁷⁾	MAT
0.2s - 150h ⁷⁾	MBT
0.1s - 10 days ⁸⁾	MT1

E R W T - M F 1 - 0 2 - M T 1 - E 0 5

Function	Code
ON delay	RE
Pulse ON	PE
Pulse flasher - start ON ¹⁾	CI
Pulse flasher - start OFF ¹⁾	CIR
Symmetric flasher - start ON	CIL
Symmetric flasher - start OFF	CID
OFF-delay	RD
OFF-delay no control ¹⁾	RDI
Star-delta ²⁾	ET
8 selectable functions³⁾	MF1
ON-delay (A)	
OFF-delay with control signal (Ba)	
ON- and OFF-delay with control signal (Ca)	
Symmetrical flasher, starts with pulse on (Da)	
Symmetrical flasher, starts with pulse off (Db)	
Interval (E)	
Retriggerable interval with control signal off (Fa)	
Star-Delta (G)	
8 selectable functions³⁾	MF2
ON and OFF delay with control signal (Cb)	
Asymmetrical flasher, starts with pulse OFF (Dd)	
Percentage flasher, starts with pulse OFF (Df)	
Delayed adjustable-length pulse (Ia)	
Asymmetrical flasher, starts with pulse ON (Dc)	
Percentage flasher, starts with pulse ON (De)	
Flasher to reversing motor (Dg)	
Bistable (J)	

Supply voltage		
Alternating current (50/60 Hz) / Direct current		
Description	Applicable to the following RTW models	Code
24 V ac / 24 V dc	RE, PE, CI, CIR, CIL, CID, ET	E26
48 V ac / 24 V dc	RE, PE, CI, CIR, CIL, CID, ET	E33
110-130 V ac / 24 V dc	RE, PE, CI, CIR, CIL, CID, ET	E37
220-240 V ac / 24 V dc	RE, PE, CI, CIR, CIL, CID, ET	E40
24-240 V ac / 24-240 V dc	RE, PE, CI, CIR, CIL, CID, ET, RD, RDI	E05 ⁹⁾
Alternating current (50/60 Hz)		
Description	Applicable to the following RTW models ¹⁰⁾	Code
24 V ac	RD	D02
48 V ac	RD	D07
110-130 V ac	RD	D61
220-240 V ac	RD	D66
380-440 V ac	RE, PE, ET	D71
Direct current		
Description	Applicable to the following RTW models	Code
24 V dc	RD	C03

Notes:

- 1) Not available for multi-timing models (RTW-M);
- 2) RTW-ET is available only with two timing options: 3 - 30s (code U030S) and 0.1s - 10min (code MAT);
- 3) MF1 and MF2 functions available only on multifunction models ERWT;
- 4) Not available for star-delta models (RTW-ET) and multifunction models (ERWT-MF1, MF2);
- 5) Timing range 0.1 - 1s (code U001S) is not available for Models RTW-CI, CIR, RD and RDI;
- 6) Timing ranges 60 - 600s (code U010M) and 3 - 30min (code U030M) are available only for model RTW-RDI;
- 7) Timing ranges 0.1s - 10min (code MAT) and 0.2s - 150h (code MBT) are available only for models RTW-RE, PE, RD, CIL, CID and ET;
- 8) Timing range 0.1s - 10 days (code MT1) is available only for multi function models ERWT-MF1 and MF2;
- 9) E05 supply voltage available for:
 Single timing models: RTW-CI, CIR e RDI
 Multi timing models (MAT / MBT): RE, PE, CI, CIL, CIR, CID, RD e ET
 Multi function models: MF1 and MF2;
- 10) Available only for single-timing models.

Electronic Monitoring Relays

Phase Loss Protector



R P W - F F - D 7 0

Phase loss

Supply voltage	Code
220-240 V 50/60 Hz	D66
380-415 V 50/60 Hz	D70
440-480 V 50/60 Hz	D74

Phase Sequence Protector



R P W - S F - D 7 0

Phase sequence

Supply voltage	Code
220-240 V 50/60 Hz	D66
380-415 V 50/60 Hz	D70
440-480 V 50/60 Hz	D74

Phase Loss and Phase Sequence Protector



R P W - F S F - D 7 0

Phase loss and phase sequence

Supply voltage	Code
220-240 V 50/60 Hz	D66
380-415 V 50/60 Hz	D70
440-480 V 50/60 Hz	D74

Undervoltage and Overvoltage Protector



R P W - S S M D 2 3

Undervoltage and overvoltage

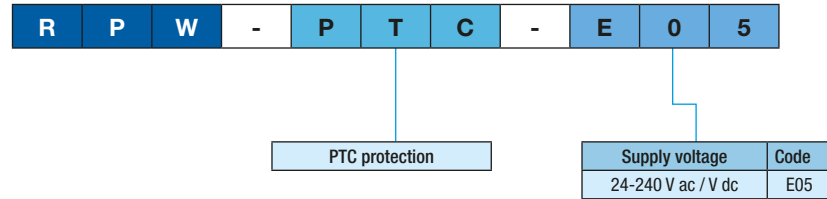
Power supply system	
Blank	Three phase
M	Single phase

Supply voltage	Code
208 V 50/60 Hz	D77
220 V 50/60 Hz	D23
230 V 50/60 Hz	D24
240 V 50/60 Hz	D25
380 V 50/60 Hz	D33

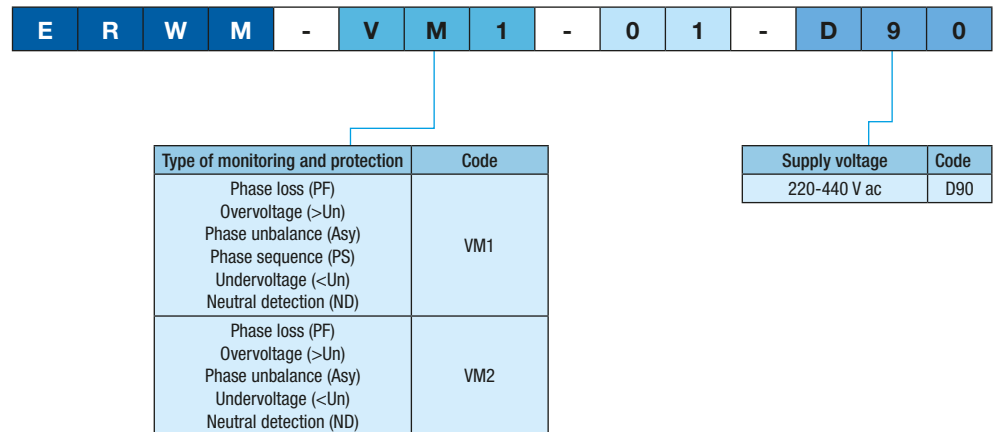
Supply voltage	Code
400 V 50/60 Hz	D34
415 V 50/60 Hz	D35
440 V 50/60 Hz	D36
460 V 50/60 Hz	D38
480 V 50/60 Hz	D39

Electronic Monitoring Relays

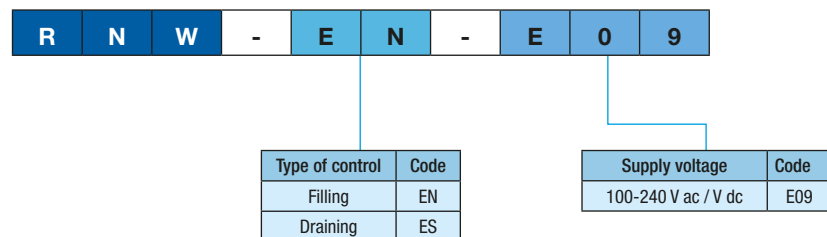
Temperature Monitoring with PTC



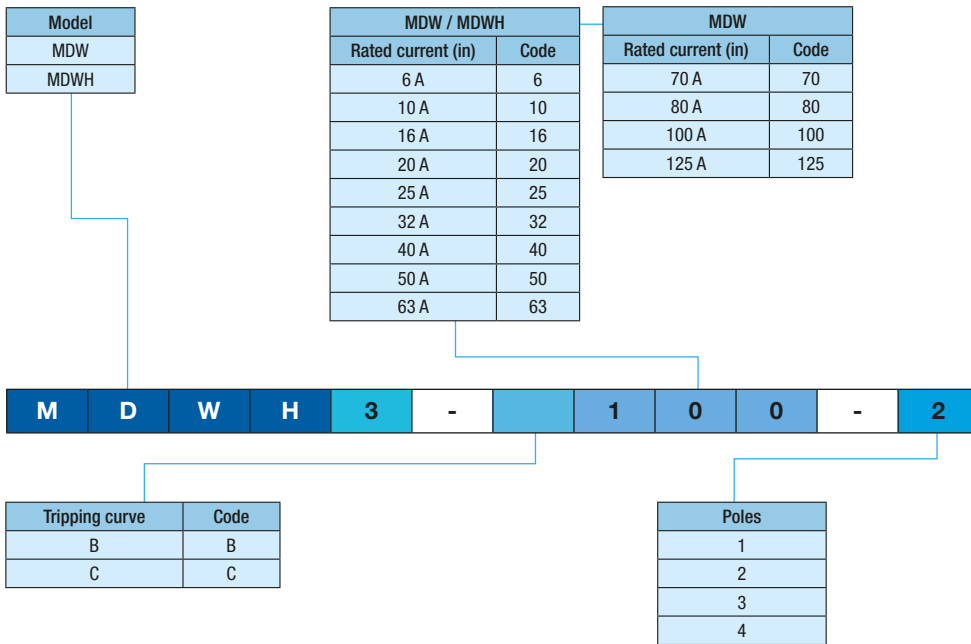
Multifunction Three-Phase Monitoring Relays



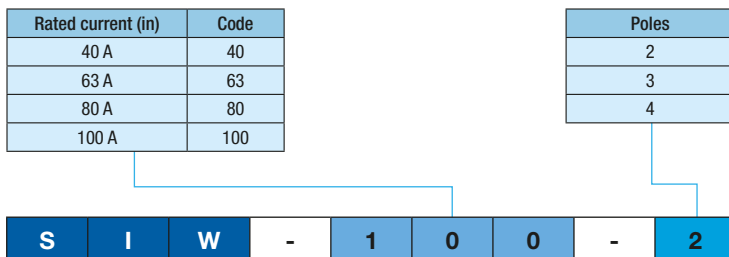
Electronic Level Control Relay



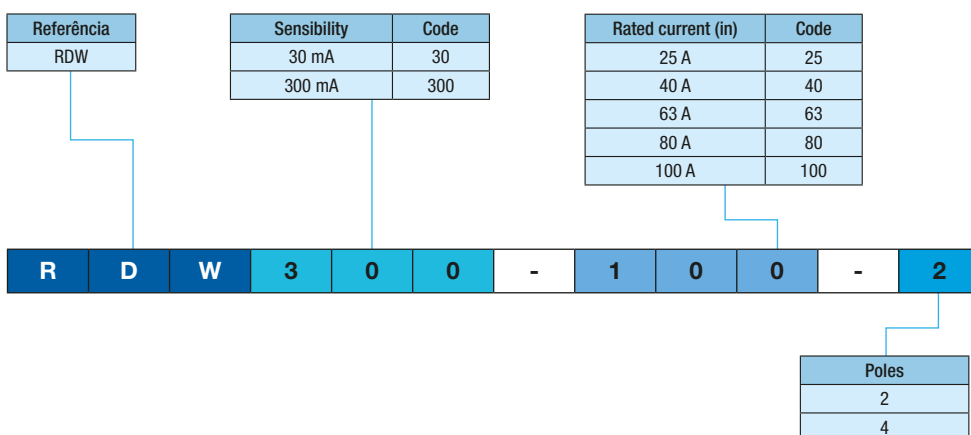
Miniature Circuit Breakers



Miniature Switch Disconnectors



Residual Current Circuit Breakers (Earth Leakage Switches)



Molded Case Circuit Breakers

DWB Line



Reference	
DWB160	DWB800
DWB250	DWB1000
DWB400	
IWB160	IWB800
IWB250	IWB1000
IWB400	

Number of poles
2 ²⁾
3
4

D W B 1 6 0 B 2 5 - 3 D F

Breaking capacity 380 V ac	Code
18 kA	B
30/35 kA	N
80 kA	L
65 kA	H
50 kA	S

Rated current	
16	90
20	95
25	100
32	105
40	110
50	125
55	140
63	150
65	160
70	185
75	200
80	250
85	320 ²⁾
	400
	500
	630
	800
	1000
	1250
	1600

Type of protection	Type of setting	Code
Distribution	Fixed thermal and magnetic	DX
	Adjustable thermal, fixed magnetic	DF
	Adjustable thermal and magnetic	DA
Motor	Fixed magnetic	MF
	Adjustable magnetic	MA
Generator	Fixed thermal and magnetic	GX
	Adjustable thermal, fixed magnetic	GF
	Adjustable thermal and magnetic	GA
Distribution generator ¹⁾	Electronic LSI	ET

Notes: 1) Available for frame DWB1000 and DWB1600.
2) Supplied on the 3-pole frame.



Molded Case Circuit Breakers

ACW Line



Model
ACW100
ACW101 ¹⁾
ACW160
ACW161 ¹⁾
ACW250
ACW400
ACW630
ACW800
ACW1600

Breaking capacity	Code
High capacity	H U (ACW800)
Very high capacity	V

A C W 1 0 0 H - F M U 2 0 - 3

Type of protection	Code
Adjustable thermal and fixed magnetic release	FMU
Adjustable thermal and magnetic releases	ATU
Electronic LSI	ETS
Magnetic only - motor protection	MTU

Rated current (A)	Rated current (A)
20	200
25	250
32	400
40	500
50	630
63	800
80	1,000
100	1,250
125	1,600
160	

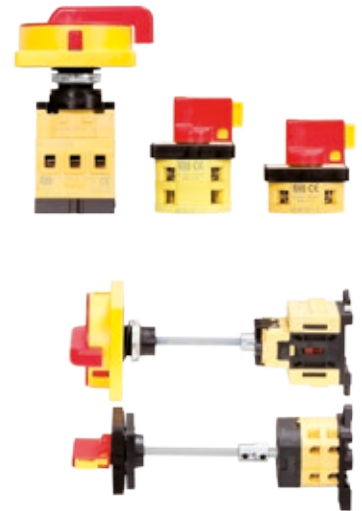
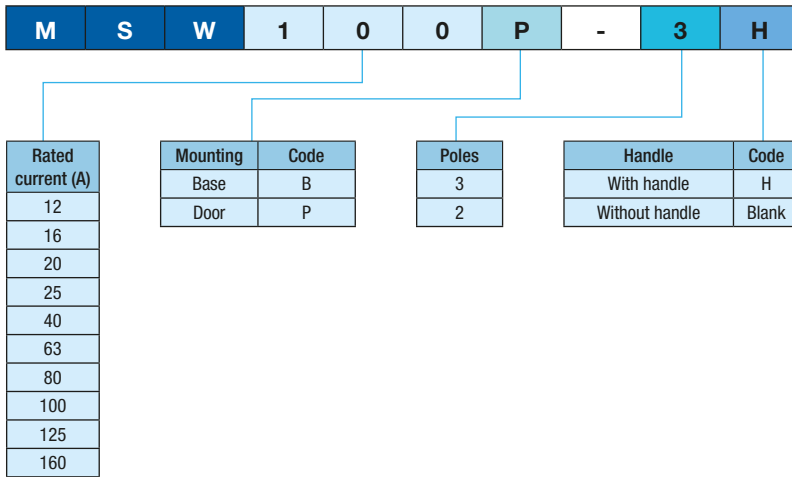
Poles
3

Note: 1) MTU protection only.



Switch-Disconnectors

Compact Switch-Disconnectors with Red-Yellow Handle¹⁾



Note: 1) Black-gray handle available upon request.



Fuses

gL/G Fuses - D and NH (Blade Contact) Types

Fuse type	Code
D type	FDW
NH type	FNH

Size for NH fuses ¹⁾
000
00
1
2
3



F	N	H		2	-	6	3	0	U
---	---	---	--	---	---	---	---	---	---

Rated current (A)	Rated current (A)
2	125
4	160
6	200
10	224
16	250
20	300
25	315
35	355
50	400
63	425
80	500
100	630

Breaking capacity	Fuse type	Code
120 kA	NH type	U
50 kA	D type	S

High Speed - aR Type - Fuses NH

Size	Code
00	00
1	1
2	2
3	3
2X3 (FEA)	23

Constructive characteristics	Code
Metric flush end (terminal with metric thread)	FEM
Metric flush end 2X3 with busbar in one side	FEA
Blade contact	Blank

Rated current (A)	Rated current (A)
20	450
25	500
35	550
40	630
50	700
63	710
80	800
100	900
125	1,000
160	1,100
200	1,250
250	1,400
315	1,600
350	1,800
400	2,000

Breaking capacity	Code
200 kA	Y
100 kA	K



F	N	H	3	F	E	M	-	1	0	0	0	Y	-	A
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Type	Code
aR	A

Note: 1) For D type fuses keep it blank.

Capacitors for Power Factor Correction

Capacitor type	Code
Single-phase unit	UCW
3-phase unit	UCWT
3-phase module	MCW

Rated voltage	Code
220 V 60 Hz	V25
380 V 60 Hz	V40
440 V 60 Hz	V49
480 V 60 Hz	V53
535 V 60 Hz	V57



U	C	W		2.5	V25	L10
----------	----------	----------	--	------------	------------	------------

Reactive power (kvar) ¹⁾	Reactive power (kvar) ¹⁾
2.5	20
5	22.5
7.5	25
10	27.5
12.5	30
15	35
17.5	

Dimensions Ø x H (mm)	Code	Dimensions Ø x H (mm)	Code
53x68	J2	70x156	M10
53x85	J4	75x205	N12
53x105	J6	75x225	N20
53x141	J8	75x285	N22
60x105	L6	100x230	Q26
60x156	L10	116x230	S26
60x211	L16	116x290	S28

Valid only for models UCW and UCWT



Note: 1) When selecting the reactive power (kvar) it is important to keep in mind the network frequency and voltage. For further information check the Power Factor Correction catalogue at www.weg.net.



Air Circuit Breakers

Maximum rated current	Code
800 A	08
1,600 A	16
2,000 A	20
2,500 A	25
3,200 A	32
4,000 A	40
5,000 A	50
6,300 A	63

Frame size	Code
For 1,600 A	DN
For 2,000~3,200 A	ES
For 4,000~5,000 A	FS
For 6,300 A	GS

Opening coil	Code
200~250 V ac/dc (default)	2
No coil	0
100~130 V ac/dc	1
24~30 V dc	3
48~60 V dc	4
380~480 V ac	5

Accessories	Code
None (default)	Blank
ON/OFF button lock	B
Key lock for 1 ACB	K
Key interlock for 3 ACBs	K2
Mechanical interlock (2 breakers)	M
Mechanical interlock (3 breakers)	M3
Door interlock	D
B+K	BK
B+K2	B2
B+M	BM
B+D	BD
K+M	KM
K+D	KD
Profibus communication ¹⁾	CP
Modbus communication ¹⁾	CM

Poles
3
4

Version	Code
Fixed	F
Withdrawable	E

A B W 1 6 D N 3 - 1 6 A Z 1 F - A 0 2 2 0

Rated current	Code
800 A	08
1,600 A	16
2,000 A	20
2,500 A	25
3,200 A	32
4,000 A	40
5,000 A	50
6,300 A	63

Auxiliary contacts	Code
5NO+5NC (default)	A
Position auxiliary contacts (for withdrawable version)	B

Motorized operator	Code
None (default)	0
100~130 V ac/dc	1
200~250 V ac/dc	2
24~30 V dc	3
48~60 V dc	4
380 V ac	5
480 V ac	6

Closing coil	Code
200~250 V ac/dc (default)	2
No coil	0
100~130 V ac/dc	1
24~30 V dc	3
48~60 V dc	4
380~480 V dc	5

Undervoltage release	Code
None (default)	0
100~130 V ac/dc	1
200~250 V ac/dc	2
24~30 V dc	3
48~60 V dc	4
380~480 V ac	5
200~250 V ac/dc with delay	6
100~130 V ac/dc with delay	7
48~60 V dc with delay	8
380~480 V ac with delay	9

Protection and measurement unit ²⁾	Code
LSIG + A ³⁾ (100~250 V ac/dc, 60 Hz) - default	AZ1
No protection unit	000
LSI + A ³⁾ (100~250 V ac/dc, 60 Hz) + Earth leakage ⁵⁾	AF1
LSI + A ³⁾ (100~250 V ac/dc, 50 Hz) + Earth leakage ⁵⁾	AF6
LSIG + A ³⁾ + Communication (100~250 V ac/dc, 60 Hz)	AC1
LSIG + A ³⁾ + Communication (100~250 V ac/dc, 50 Hz)	AC6
LSIG + A ³⁾ + Communication 24~60 V dc	AC2
LSIG + M ⁴⁾ + Communication (100~250 V ac/dc, 60 Hz)	PC1
LSIG + M ⁴⁾ + Communication (100~250 V ac/dc, 50 Hz)	PC6
LSIG + V + A ³⁾ + Communication 24~60 V dc	PC2
LSIG + A ³⁾ 24~60 V dc	AZ2
LSIG + A ³⁾ (100~250 V ac/dc, 50 Hz)	AZ6

Accessories supplied as standard for the entire range
Auxiliary contacts (5NO+5NC)
Alarm contacts
Opening coil 200-250 V ac/dc
Closing coil 200-250 V ac/dc
Operation counter
Position locking with padlock (padlock not included) - withdrawable version only
Position indicator (inserted /test/ withdrawn) - withdrawable version only



Notes: 1) To be used with circuit breakers that have protection units type AC or PC.
 2) For further information about protection units, check the catalogue at WEG website.
 3) A - Current measurement.
 4) M - Current, voltage, power and frequency measurements.
 5) The current transformer ABW-ZCT must be used for earth leakage protection (supplied as accessory).

Voltage Codes - Controls

Alternating Current

Supply voltage	Code
10 V 50 Hz / 12 V 60 Hz	V01
12 V 50 Hz / 14 V 60 Hz	V02
16 V 50 Hz / 20 V 60 Hz	V03
20 V 50 Hz / 24 V 60 Hz	V04
24 V 60 Hz	V05
24 V 50 Hz / 28 V 60 Hz	V06
28 V 50 Hz / 32 V 60 Hz	V07
32 V 50 Hz / 36 V 60 Hz	V08
36 V 50 Hz / 42 V 60 Hz	V09
42 V 50 Hz / 48 V 60 Hz	V10
48 V 50 Hz / 56 V 60 Hz	V11
52 V 50 Hz / 60 V 60 Hz	V12
75 V 60 Hz	V13
70 V 50 Hz / 80 V 60 Hz	V14
95 V 50 Hz / 110 V 60 Hz	V15
110 V 60 Hz	V16
100 V 50 Hz / 115 V 60 Hz	V17
110 V 50 Hz / 120 V 60 Hz	V18
110-115 V 50 Hz / 127 V 60 Hz	V19
120 V 50 Hz / 140 V 60 Hz	V20
127 V 50 Hz / 150 V 60 Hz	V21
139 V 50 Hz / 160 V 60 Hz	V22
180 V 50 Hz / 208 V 60 Hz	V23
180-208 V 50 Hz / 208-240 V 60 Hz	V24
220 V 60 Hz	V25
190 V 50 Hz / 220 V 60 Hz	V26
230 V 60 Hz	V27
200 V 50 Hz / 230 V 60 Hz	V28
240 V 60 Hz	V29
208 V 50 Hz / 240 V 60 Hz	V30
220 V 50 Hz	V31
220 V 50 Hz / 255 V 60 Hz	V32
220-230 V 50 Hz / 240-260 V 60 Hz	V33
230 V 50 Hz	V34
250 V 50 Hz	V35
230 V 50 Hz / 266 V 60 Hz	V36

Supply voltage	Code
230-240 V 50 Hz / 277 V 60 Hz	V37
250 V 60 Hz	V38
310 V 60 Hz	V39
380 V 60 Hz	V40
325 V 50 Hz / 380 V 60 Hz	V41
380 V 50 Hz / 440 V 60 Hz	V42
380-400 V 50 Hz / 440-460 V 60 Hz	V43
400 V 50 Hz	V44
400 V 60 Hz	V45
400 V 50 Hz / 460 V 60 Hz	V46
400-415 V 50 Hz / 480 V 60 Hz	V47
440 V 50 Hz	V48
440 V 60 Hz	V49
440 V 50 Hz / 510 V 60 Hz	V50
460 V 50 Hz	V51
480 V 50 Hz	V52
480 V 60 Hz	V53
500 V 50 Hz	V54
500 V 60 Hz	V55
500 V 50 Hz / 600 V 60 Hz	V56
535 V 60 Hz	V57
550 V 50 Hz	V58
550 V 60 Hz	V59
550 V 50 Hz / 660 V 60 Hz	V60
575 V 60 Hz	V61
660 V 60 Hz	V62
600 V 50 Hz / 690 V 60 Hz	V63

Supply voltage	Code
12 V 50/60 Hz	D01
24 V 50/60 Hz	D02
28 V 50/60 Hz	D03
32 V 50/60 Hz	D04
36 V 50/60 Hz	D05
42 V 50/60 Hz	D06
48 V 50/60 Hz	D07
56 V 50/60 Hz	D08
60 V 50/60 Hz	D09
72 V 50/60 Hz	D10
80 V 50/60 Hz	D11
100 V 50/60 Hz	D12
110 V 50/60 Hz	D13
115 V 50/60 Hz	D14
120 V 50/60 Hz	D15
125 V 50/60 Hz	D16
127 V 50/60 Hz	D17
130 V 50/60 Hz	D18
140 V 50/60 Hz	D19
150 V 50/60 Hz	D20
190 V 50/60 Hz	D21
200 V 50/60 Hz	D22
220 V 50/60 Hz	D23
230 V 50/60 Hz	D24
240 V 50/60 Hz	D25
250 V 50/60 Hz	D26
255 V 50/60 Hz	D27
265 V 50/60 Hz	D28
270 V 50/60 Hz	D29
330 V 50/60 Hz	D30
350 V 50/60 Hz	D31
370 V 50/60 Hz	D32
380 V 50/60 Hz	D33
400 V 50/60 Hz	D34
415 V 50/60 Hz	D35
440 V 50/60 Hz	D36
450 V 50/60 Hz	D37
460 V 50/60 Hz	D38
480 V 50/60 Hz	D39

Voltage Codes - Controls

Alternating Current (50/60 Hz)

Supply voltage	Code
500 V 50/60 Hz	D40
510 V 50/60 Hz	D41
525 V 50/60 Hz	D42
550 V 50/60 Hz	D43
575 V 50/60 Hz	D44
600 V 50/60 Hz	D45
630 V 50/60 Hz	D46
660 V 50/60 Hz	D47
690 V 50/60 Hz	D48
12-24 V 50/60 Hz	D49
12-60 V 50/60 Hz	D50
20-24 V 50/60 Hz	D51
24-28 V 50/60 Hz	D52
24-48 V 50/60 Hz	D53
40-48 V 50/60 Hz	D54
48-127 V 50/60 Hz	D55
50-250 V 50/60 Hz	D56
72-250 V 50/60 Hz	D57
100-110 V 50/60 Hz	D58
100-127 V 50/60 Hz	D59
110-127 V 50/60 Hz	D60
110-130 V 50/60 Hz	D61
110-220 V 50/60 Hz	D62
127-250 V 50/60 Hz	D63
200-220 V 50/60 Hz	D64
200-240 V 50/60 Hz	D65
220-240 V 50/60 Hz	D66
250-380 V 50/60 Hz	D67
270-380 V 50/60 Hz	D68
365-440 V 50/60 Hz	D69
380-415 V 50/60 Hz	D70
380-440 V 50/60 Hz	D71
380-510 V 50/60 Hz	D72
400-510 V 50/60 Hz	D73
440-480 V 50/60 Hz	D74
500-510 V 50/60 Hz	D75
660-690 V 50/60 Hz	D76
208 V 50/60 Hz	D77

Direct Current

Supply voltage	Code
5 V dc	C01
12 V dc	C02
24 V dc	C03
28 V dc	C04
36 V dc	C05
42 V dc	C06
48 V dc	C07
55 V dc	C08
60 V dc	C09
72 V dc	C10
80 V dc	C11
110 V dc	C12
125 V dc	C13
130 V dc	C14
220 V dc	C15
230 V dc	C16
250 V dc	C17
400 V dc	C18
415 V dc	C19
440 V dc	C20
500 V dc	C21
600 V dc	C22
1,000 V dc	C23
1,200 V dc	C24
6-240 V dc	C31
6-250 V dc	C32
12-600 V dc	C33
24-28 V dc	C34
24-48 V dc	C35
24-240 V dc	C36
42-50 V dc	C37
48-260 V dc	C38
100-125 V dc	C39
110-130 V dc	C40
120-127 V dc	C41
130-250 V dc	C42
200-240 V dc	C43
208-240 V dc	C44
208-250 V dc	C45
230-240 V dc	C46
150 V dc	C47
42-48 V dc	C97
110-125 V dc	C98
220-250 V dc	C99

Alternating Current / Direct Current

Supply voltage	Code
12-48 V dc 50/60 Hz	E01
24-28 V dc 50/60 Hz	E02
24-48 V dc 50/60 Hz	E03
24-60 V dc 50/60 Hz	E04
24-240 V dc 50/60 Hz	E05
42-50 V dc 50/60 Hz	E06
60-72 V dc 50/60 Hz	E07
100-125 V dc 50/60 Hz	E08
100-240 V dc 50/60 Hz	E09
110-130 V dc 50/60 Hz	E10
110-220 V dc 50/60 Hz	E11
200-240 V dc 50/60 Hz	E12
208-250 V dc 50/60 Hz	E13
220-240 V dc 50/60 Hz	E14
220-250 V dc 50/60 Hz	E15
360-415 V dc 50/60 Hz	E16
265-347 V dc 50/60 Hz	E17
380-415 V dc 50/60 Hz	E18
380-450 V dc 50/60 Hz	E19
400-500 V dc 50/60 Hz	E20
430-500 V dc 50/60 Hz	E21
440-500 V dc 50/60 Hz	E22
440-575 V dc 50/60 Hz	E23
575-690 V dc 50/60 Hz	E24
12 V dc 50/60 Hz	E25
24 V dc 50/60 Hz	E26
48 V dc 50/60 Hz	E27
60 V dc 50/60 Hz	E28
110 V dc 50/60 Hz	E29
130 V dc 50/60 Hz	E30
220 V dc 50/60 Hz	E31
380 V dc 50/60 Hz	E32
48 V 50/60 Hz / 24Vdc	E33
50-127 V 50/60 Hz / 60-180 V dc	E34
100-127 V 50/60 Hz / 100-110 V dc	E35
100-240 V 50/60 Hz / 100-220 V dc	E36
110-130 V 50/60 Hz / 24 V dc	E37
130-275 V 50/60 Hz / 180-300 V dc	E38
200-240 V 50/60 Hz / 200-220 V dc	E39
220-240 V 50/60 Hz / 24 V dc	E40
277-380 V 50/60 Hz / 300-510 V dc	E41
430-525 V dc 50/60 Hz	E42
208-240 V dc 50/60 Hz	E43
220-240 V 50/60 Hz / 250 V dc	E44
100-110 V 50/60 Hz / 110 V dc	E45
230 V 50/60 Hz / 220 V dc	E46

Short Codes for Overload Relays to be Used on Enclosed Direct On Line Starters

Description	Code	Setting range
RW17-1D3-D004	R01	0.28 - 0.4
RW17-1D3-C063	R02	0.4 - 0.63
RW17-1D3-D008	R03	0.56 - 0.8
RW17-1D3-D012	R04	0.8 - 1.2
RW17-1D3-D018	R05	1.2 - 1.8
RW17-1D3-D028	R06	1.8 - 2.8
RW17-1D3-U004	R07	2.8 - 4
RW17-1D3-D063	R08	4.0 - 6.3
RW17-1D3-U008	R09	5.6 - 8
RW17-1D3-U010	R10	7 - 10
RW17-1D3-D125	R11	8 - 12.5
RW17-1D3-U015	R12	10 - 15
RW17-1D3-U017	R13	11 - 17
RW27-1D3-C063	R21	0.4 - 0.63
RW27-1D3-D008	R22	0.56 - 0.8
RW27-1D3-D012	R23	0.8 - 1.2
RW27-1D3-D018	R24	1.2 - 1.8
RW27-1D3-D028	R25	1.8 - 2.8
RW27-1D3-U004	R26	2.8 - 4
RW27-1D3-D063	R27	4.0 - 6.3
RW27-1D3-U008	R28	5.6 - 8
RW27-1D3-U010	R29	7 - 10
RW27-1D3-D125	R30	8 - 12.5
RW27-1D3-U015	R31	10 - 15
RW27-1D3-U017	R32	11 - 17
RW27-1D3-U023	R33	15 - 23
RW27-1D3-U032	R34	22 - 32
RW67-1D3-U040	R35	25 - 40
RW67-1D3-U050	R37	40 - 57
RW67-2D3-U050	R38	40 - 57
RW67-2D3-U057	R39	50 - 63
RW67-2D3-U063	R40	57 - 70
RW67-2D3-U070	R41	63 - 80
RW67-2D3-U080	R42	63 - 80
RW117-1D3-U097	R44	75 - 97
RW117-1D3-U112	R45	90 - 112

Description	Code	Setting range
RW17-1D2-D018	RM05	1.2 - 1.8
RW17-1D2-D028	RM06	1.8 - 2.8
RW17-1D2-U004	RM07	2.8 - 4
RW17-1D2-D063	RM08	4 - 6.3
RW27-1D2-D008	RM22	0.56 - 0.8
RW27-1D2-D012	RM23	0.8 - 1.2
RW27-1D2-D018	RM24	1.2 - 1.8
RW27-1D2-D028	RM25	1.8 - 2.8
RW27-1D2-U004	RM26	2.8 - 4
RW27-1D2-D063	RM27	4 - 6.3
RW27-1D2-U008	RM28	5.6 - 8
RW27-1D2-U010	RM29	7 - 10
RW27-1D2-D125	RM30	8 - 12.5
RW27-1D2-U015	RM31	10 - 15
RW27-1D2-U017	RM32	11 - 17
RW27-1D2-U023	RM33	15 - 23
RW27-1D2-U032	RM34	22 - 32
RW67-1D2-U040	RM35	25 - 40
RW67-2D2-U050	RM38	32 - 50
RW67-2D2-U057	RM39	40 - 57
RW67-2D2-U063	RM40	50 - 63
RW67-2D2-U070	RM41	57 - 70

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