

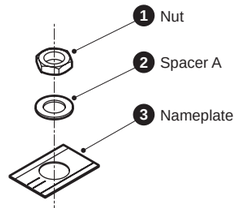
Direct acting 2-port solenoid valve

AB31/ AB41 Series ●NC (normally closed)

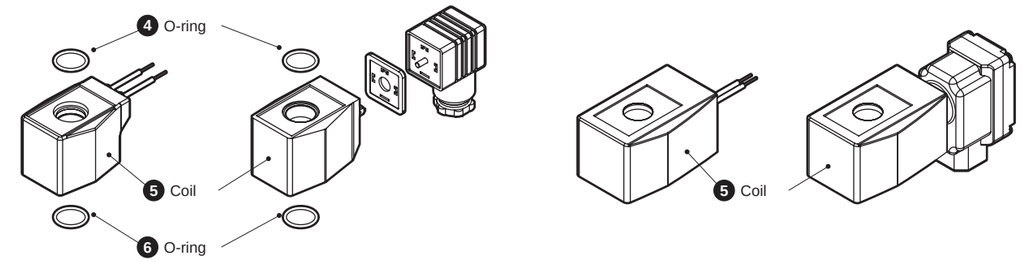
AB42 Series ● NO (closed when energized)

■Parts Expanded View

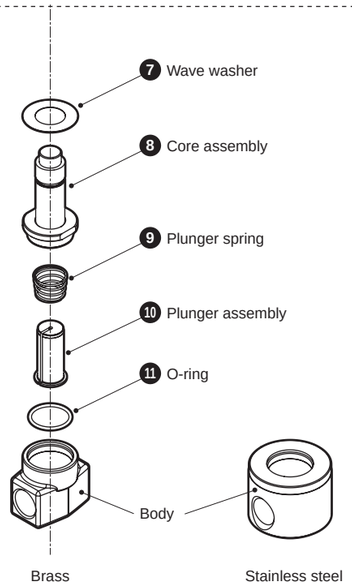
●AB31



[Coil housing]

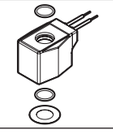
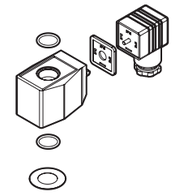
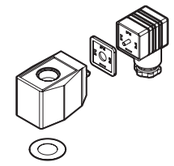
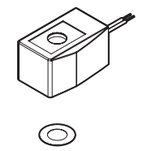
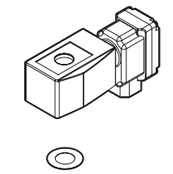


Grommet lead wire | With DIN terminal box | Open frame | With HP terminal box

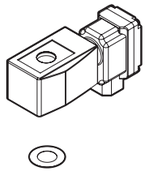


Brass | Stainless steel

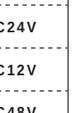
●Coil assembly

Coil housing	Voltage	Part model No.		Parts diagram	No.	Qty.
		Standard	With surge suppressor			
Blank (Lead wire) (surge suppressor included)	100 VAC	AB31-COIL-AC100V	AB31-00S-COIL-AC100V		4 5 6 7	1 each
	200 VAC	AB31-COIL-AC200V	AB31-00S-COIL-AC200V			
2E (DIN terminal box with G1/2)	100 VAC	AB31-2E-COIL-AC100V	AB31-2ES-COIL-AC100V		4 5 6 7	1 each
	200 VAC	AB31-2E-COIL-AC200V	AB31-2ES-COIL-AC200V			
2G (DIN terminal box with Pg11)	100 VAC	AB31-2G-COIL-AC100V	AB31-2GS-COIL-AC100V			
	200 VAC	AB31-2G-COIL-AC200V	AB31-2GS-COIL-AC200V			
2H (DIN terminal box with small lamp)	100 VAC	AB31-2H-COIL-AC100V	AB31-2HS-COIL-AC100V			
	200 VAC	AB31-2H-COIL-AC200V	AB31-2HS-COIL-AC200V			
2E (DIN terminal box with G1/2)	24 VDC	AB31-2E-COIL-DC24V	AB31-2ES-COIL-DC24V		5 7	1 each
	12 VDC	AB31-2E-COIL-DC12V	AB31-2ES-COIL-DC12V			
	48 VDC	AB31-2E-COIL-DC48V	AB31-2ES-COIL-DC48V			
	100 VDC	AB31-2E-COIL-DC100V	AB31-2ES-COIL-DC100V			
2G (DIN terminal box with Pg11)	24 VDC	AB31-2G-COIL-DC24V	AB31-2GS-COIL-DC24V			
	12 VDC	AB31-2G-COIL-DC12V	AB31-2GS-COIL-DC12V			
	48 VDC	AB31-2G-COIL-DC48V	AB31-2GS-COIL-DC48V			
	100 VDC	AB31-2G-COIL-DC100V	AB31-2GS-COIL-DC100V			
2H (DIN terminal box with small lamp)	24 VDC	AB31-2H-COIL-DC24V	-			
3A (Open frame/ lead wire) (surge suppressor included)	100 VAC	AB31-3A-COIL-AC100V	AB31-3AS-COIL-AC100V		5 7	1 each
	200 VAC	AB31-3A-COIL-AC200V	AB31-3AS-COIL-AC200V			
	24 VDC	AB31-3A-COIL-DC24V	AB31-3AS-COIL-DC24V			
	12 VDC	AB31-3A-COIL-DC12V	AB31-3AS-COIL-DC12V			
	48 VDC	AB31-3A-COIL-DC48V	AB31-3AS-COIL-DC48V			
	100 VDC	AB31-3A-COIL-DC100V	AB31-3AS-COIL-DC100V			
4A (Open frame / lead wire) (Thermal class 180 (H)) (surge suppressor included)	100 VAC	AB31-4A-COIL-AC100V	AB31-4AS-COIL-AC100V			
	200 VAC	AB31-4A-COIL-AC200V	AB31-4AS-COIL-AC200V			
5A (Open frame / lead wire) (diode integrated)	100 VAC	AB31-5A-COIL-AC100V	-			
	200 VAC	AB31-5A-COIL-AC200V	-			
3M (Open frame / HP terminal box)	100 VAC	AB31-3M-COIL-AC100V	AB31-3MS-COIL-AC100V		5 7	1 each
	200 VAC	AB31-3M-COIL-AC200V	AB31-3MS-COIL-AC200V			
	24 VDC	AB31-3M-COIL-DC24V	AB31-3MS-COIL-DC24V			
	12 VDC	AB31-3M-COIL-DC12V	AB31-3MS-COIL-DC12V			
	48 VDC	AB31-3M-COIL-DC48V	AB31-3MS-COIL-DC48V			
	100 VDC	AB31-3M-COIL-DC100V	AB31-3MS-COIL-DC100V			
3N (Open frame / HP terminal box with lamp)	100 VAC	AB31-3N-COIL-AC100V	AB31-3NS-COIL-AC100V			
	200 VAC	AB31-3N-COIL-AC200V	AB31-3NS-COIL-AC200V			
	24 VDC	AB31-3N-COIL-DC24V	AB31-3NS-COIL-DC24V			
	100 VDC	AB31-3N-COIL-DC100V	AB31-3NS-COIL-DC100V			
4M (Open frame / HP terminal box)	100 VAC	AB31-4M-COIL-AC100V	-			
	200 VAC	AB31-4M-COIL-AC200V	-			
4N (Open frame / HP terminal box with lamp) (Thermal class 180 (H))	100 VAC	AB31-4N-COIL-AC100V	-			
	200 VAC	AB31-4N-COIL-AC200V	-			
5M (Open frame / HP terminal box) (diode integrated)	100 VAC	AB31-5M-COIL-AC100V	-			
	200 VAC	AB31-5M-COIL-AC200V	-			
5N (Open frame / HP terminal box with lamp) (diode integrated)	100 VAC	AB31-5N-COIL-AC100V	-			
	200 VAC	AB31-5N-COIL-AC200V	-			

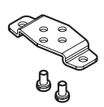
●Coil assembly (waterproof specification)

Coil housing	Voltage	Part model No.		Parts diagram	No.	Qty.
		Standard	With surge suppressor			
3I (Open frame / HP terminal box)	100 VAC	**AB31-3I-COIL-AC100V**	**AB31-3IS-COIL-AC100V**		❺ ❼	1 each
	200 VAC	**AB31-3I-COIL-AC200V**	**AB31-3IS-COIL-AC200V**			
	24 VDC	**AB31-3I-COIL-DC24V**	**AB31-3IS-COIL-DC24V**			
	12 VDC	**AB31-3I-COIL-DC12V**	**AB31-3IS-COIL-DC12V**			
	48 VDC	**AB31-3I-COIL-DC48V**	**AB31-3IS-COIL-DC48V**			
	100 VDC	**AB31-3I-COIL-DC100V**	**AB31-3IS-COIL-DC100V**			
3J (Open frame / HP terminal box/with lamp)	100 VAC	**AB31-3J-COIL-AC100V**	**AB31-3JS-COIL-AC100V**			
	200 VAC	**AB31-3J-COIL-AC200V**	**AB31-3JS-COIL-AC200V**			
	24 VDC	**AB31-3J-COIL-DC24V**	**AB31-3JS-COIL-DC24V**			
	100 VDC	**AB31-3J-COIL-DC100V**	**AB31-3JS-COIL-DC100V**			
5I (Open frame / HP terminal box) (diode integrated)	100 VAC	**AB31-5I-COIL-AC100V**	-			
	200 VAC	**AB31-5I-COIL-AC200V**	-			
5J (Open frame / HP terminal box/with lamp) (diode integrated)	100 VAC	**AB31-5J-COIL-AC100V**	-			
	200 VAC	**AB31-5J-COIL-AC200V**	-			

●Coil fixing parts kit

Coil housing	Part model No.	Parts diagram	No.	Qty.
Blank (Lead wire) **2☐ -AC** (with DIN terminal box)	**AB31- 0 -COIL-FIXED-KIT**		❶ ❷ ❹ ❻ ❼	1 1 2 2 1
2☐ -DC (with DIN terminal box)	**AB31-2DC-COIL-FIXED-KIT**		❶ ❷ ❼	1 each
3☐ (Open frame) **4☐** (Open frame 180 (H)) **5☐** (Open frame diode integrated)	**AB31- 3 -COIL-FIXED-KIT**			

●Mounting plate

Part model No.	Parts diagram
AB3-GE-100106-MOUNT-PLATE-KIT	

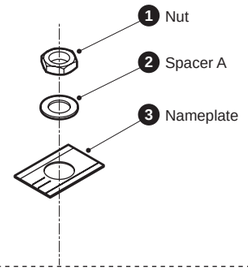
●Core assembly / plunger assembly kit

Body / Sealant	Coil housing	Voltage	Part model No.	Parts diagram	No.	Qty.
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-H0-AC-CP-KIT**		❽ ❾ ❿ ⓫	1 each
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-H3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-H5-AC-CP-KIT**			
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-L0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-L3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-L5-AC-CP-KIT**			
B (brass / fluoro rubber) **J** (brass / fluoro rubber oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-J0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-J3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-J5-AC-CP-KIT**			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-M0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-M3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-M5-AC-CP-KIT**			
C (brass / PTFE) **K** (brass / PTFE oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-K0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-K3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-K5-AC-CP-KIT**			
F (stainless steel / PTFE) **N** (stainless steel / PTFE oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-N0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-N3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-N5-AC-CP-KIT**			
P (brass /ethylene propylene rubber/ oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-P0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-P3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-P5-AC-CP-KIT**			
R (Stainless steel / ethylene propylene rubber oil-prohibited)	**Blank** (Lead wire)	AC	**AB31-1-R0-AC-CP-KIT**			
	2☐ (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	DC	**AB31-1-R3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB31-1-R5-AC-CP-KIT**			

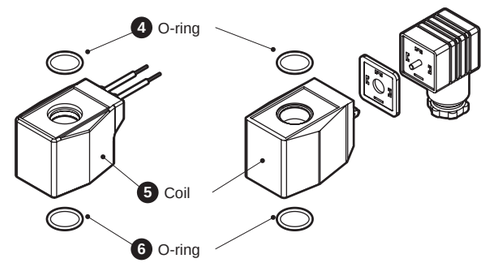
*1 When the coil housing is blank and 4 ☐ the voltage is AC voltage only.

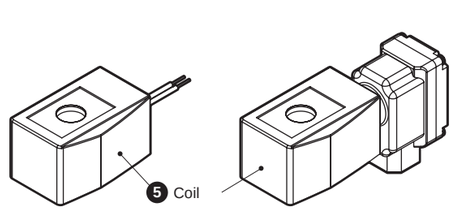
■Parts Expanded View

●AB41-02, 03-1 to 7

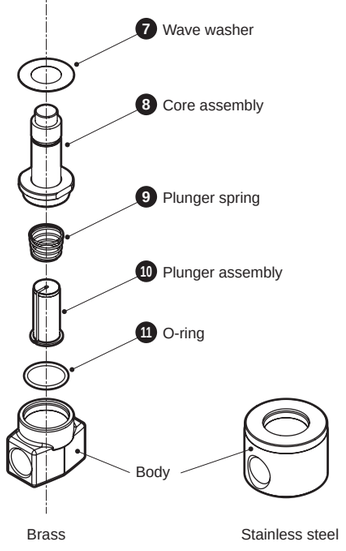


[Coil housing]

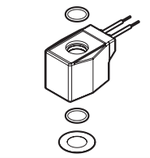
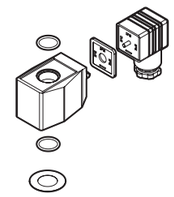
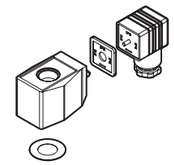
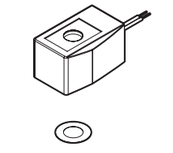
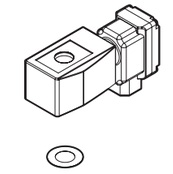




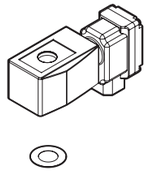
Grommet lead wire | With DIN terminal box | Open frame | With HP terminal box



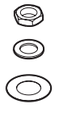
●Coil assembly

Coil housing	Voltage	Part model No. Standard	Part model No. With surge suppressor	Parts diagram	No.	Qty.
Blank (Lead wire) (surge suppressor included)	100 VAC	AB41-COIL-AC100V	AB41-00S-COIL-AC100V		4 5 6 7	1 each
	200 VAC	AB41-COIL-AC200V	AB41-00S-COIL-AC200V			
2E (DIN terminal box with G1/2)	100 VAC	AB41-2E-COIL-AC100V	AB41-2ES-COIL-AC100V		4 5 6 7	1 each
	200 VAC	AB41-2E-COIL-AC200V	AB41-2ES-COIL-AC200V			
2G (DIN terminal box with Pg11)	100 VAC	AB41-2G-COIL-AC100V	AB41-2GS-COIL-AC100V			
	200 VAC	AB41-2G-COIL-AC200V	AB41-2GS-COIL-AC200V			
2H (DIN terminal box with small lamp)	100 VAC	AB41-2H-COIL-AC100V	AB41-2HS-COIL-AC100V			
	200 VAC	AB41-2H-COIL-AC200V	AB41-2HS-COIL-AC200V			
2E (DIN terminal box with G1/2)	24 VDC	AB41-2E-COIL-DC24V	AB41-2ES-COIL-DC24V		5 7	1 each
	12 VDC	AB41-2E-COIL-DC12V	AB41-2ES-COIL-DC12V			
	48 VDC	AB41-2E-COIL-DC48V	AB41-2ES-COIL-DC48V			
	100 VDC	AB41-2E-COIL-DC100V	AB41-2ES-COIL-DC100V			
2G (DIN terminal box with Pg11)	24 VDC	AB41-2G-COIL-DC24V	AB41-2GS-COIL-DC24V			
	12 VDC	AB41-2G-COIL-DC12V	AB41-2GS-COIL-DC12V			
	48 VDC	AB41-2G-COIL-DC48V	AB41-2GS-COIL-DC48V			
	100 VDC	AB41-2G-COIL-DC100V	AB41-2GS-COIL-DC100V			
2H (DIN terminal box with small lamp)	24 VDC	AB41-2H-COIL-DC24V	-			
3A (Open frame / lead wire) (surge suppressor included)	100 VAC	AB41-3A-COIL-AC100V	AB41-3AS-COIL-AC100V		5 7	1 each
	200 VAC	AB41-3A-COIL-AC200V	AB41-3AS-COIL-AC200V			
	24 VDC	AB41-3A-COIL-DC24V	AB41-3AS-COIL-DC24V			
	12 VDC	AB41-3A-COIL-DC12V	AB41-3AS-COIL-DC12V			
	48 VDC	AB41-3A-COIL-DC48V	AB41-3AS-COIL-DC48V			
	100 VDC	AB41-3A-COIL-DC100V	AB41-3AS-COIL-DC100V			
4A (Open frame / lead wire) (Thermal class 180 (H)) (surge suppressor included)	100 VAC	AB41-4A-COIL-AC100V	AB41-4AS-COIL-AC100V			
	200 VAC	AB41-4A-COIL-AC200V	AB41-4AS-COIL-AC200V			
5A (Open frame / lead wire) (diode integrated)	100 VAC	AB41-5A-COIL-AC100V	-			
	200 VAC	AB41-5A-COIL-AC200V	-			
3M (Open frame / HP terminal box)	100 VAC	AB41-3M-COIL-AC100V	AB41-3MS-COIL-AC100V		5 7	1 each
	200 VAC	AB41-3M-COIL-AC200V	AB41-3MS-COIL-AC200V			
	24 VDC	AB41-3M-COIL-DC24V	AB41-3MS-COIL-DC24V			
	12 VDC	AB41-3M-COIL-DC12V	AB41-3MS-COIL-DC12V			
	48 VDC	AB41-3M-COIL-DC48V	AB41-3MS-COIL-DC48V			
	100 VDC	AB41-3M-COIL-DC100V	AB41-3MS-COIL-DC100V			
3N (Open frame / HP terminal box with lamp)	100 VAC	AB41-3N-COIL-AC100V	AB41-3NS-COIL-AC100V			
	200 VAC	AB41-3N-COIL-AC200V	AB41-3NS-COIL-AC200V			
	24 VDC	AB41-3N-COIL-DC24V	AB41-3NS-COIL-DC24V			
	100 VDC	AB41-3N-COIL-DC100V	AB41-3NS-COIL-DC100V			
4M (Open frame / HP terminal box)	100 VAC	AB41-4M-COIL-AC100V	-			
	200 VAC	AB41-4M-COIL-AC200V	-			
4N (Open frame / HP terminal box with lamp) (Thermal class 180 (H))	100 VAC	AB41-4N-COIL-AC100V	-			
	200 VAC	AB41-4N-COIL-AC200V	-			
5M (Open frame / HP terminal box) (diode integrated)	100 VAC	AB41-5M-COIL-AC100V	-			
	200 VAC	AB41-5M-COIL-AC200V	-			
5N (Open frame / HP terminal box with lamp) (diode integrated)	100 VAC	AB41-5N-COIL-AC100V	-			
	200 VAC	AB41-5N-COIL-AC200V	-			

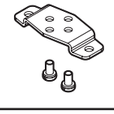
●Coil assembly (waterproof specification)

Coil housing	Voltage	Part model No.		Parts diagram	No.	Qty.
		Standard	With surge suppressor			
3I (Open frame / HP terminal box)	100 VAC	AB41-3I-COIL-AC100V	AB41-3IS-COIL-AC100V		❺ ❼	1 each
	200 VAC	AB41-3I-COIL-AC200V	AB41-3IS-COIL-AC200V			
	24 VDC	AB41-3I-COIL-DC24V	AB41-3IS-COIL-DC24V			
	12 VDC	AB41-3I-COIL-DC12V	AB41-3IS-COIL-DC12V			
	48 VDC	AB41-3I-COIL-DC48V	AB41-3IS-COIL-DC48V			
	100 VDC	AB41-3I-COIL-DC100V	AB41-3IS-COIL-DC100V			
3J (Open frame / HP terminal box/with lamp)	100 VAC	AB41-3J-COIL-AC100V	AB41-3JS-COIL-AC100V			
	200 VAC	AB41-3J-COIL-AC200V	AB41-3JS-COIL-AC200V			
	24 VDC	AB41-3J-COIL-DC24V	AB41-3JS-COIL-DC24V			
	100 VDC	AB41-3J-COIL-DC100V	AB41-3JS-COIL-DC100V			
5I (Open frame / HP terminal box) (diode integrated)	100 VAC	AB41-5I-COIL-AC100V	-			
	200 VAC	AB41-5I-COIL-AC200V	-			
5J (Open frame / HP terminal box/with lamp) (diode integrated)	100 VAC	AB41-5J-COIL-AC100V	-			
	200 VAC	AB41-5J-COIL-AC200V	-			

●Coil fixing parts kit

Coil housing	Part model No.	Parts diagram	No.	Qty.
Blank (Lead wire) **2☐ -AC** (with DIN terminal box)	AB41-0-COIL-FIXED-KIT		❶ ❷ ❹ ❻ ❼	1 1 2 2 1
2☐ -DC (with DIN terminal box)	AB41-2DC-COIL-FIXED-KIT		❶ ❷ ❼	1 each
3☐ (Open frame) **4☐** (Open frame 180 (H)) **5☐** (Open frame diode integrated)	AB41- 3 -COIL-FIXED-KIT			

●Mounting plate

	Part model No.	Parts diagram
Brass body Stainless steel body - Bore size 02 - Orifice 1 to 6	AB4-GE-100106-MOUNT-PLATE-KIT	
Stainless steel body - Bore size 02 - Orifice 7 Bore size 03 - Orifice 1 to 7	AB4-GE-100159-MOUNT-PLATE-KIT	

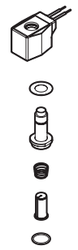
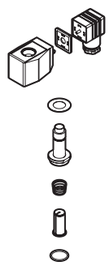
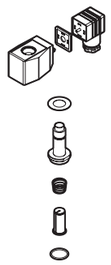
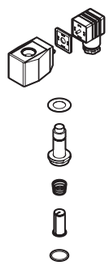
●Core assembly / plunger assembly kit

Body / Sealant	Coil housing	Voltage	Part model No.	Parts diagram	No.	Qty.
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-H0-AC-CP-KIT		❽ ❾ ❿ ⓫	1 each
		DC	AB41-1-H3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-H5-AC-CP-KIT			
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-L0-AC-CP-KIT			
		DC	AB41-1-L3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-L5-AC-CP-KIT			
B (brass / fluoro rubber) **J** (brass / fluoro rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-J0-AC-CP-KIT			
		DC	AB41-1-J3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-J5-AC-CP-KIT			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-M0-AC-CP-KIT			
		DC	AB41-1-M30-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-M5-AC-CP-KIT			
C (brass / PTFE) **K** (brass / PTFE oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-K0-AC-CP-KIT			
		DC	AB41-1-K3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-K5-AC-CP-KIT			
F (stainless steel / PTFE) **N** (stainless steel / PTFE oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-N0-AC-CP-KIT			
		DC	AB41-1-N3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-N5-AC-CP-KIT			
P (brass /ethylene propylene rubber/ oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-P0-AC-CP-KIT			
		DC	AB41-1-P3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-P5-AC-CP-KIT			
R (Stainless steel / ethylene propylene rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-1-R0-AC-CP-KIT			
		DC	AB41-1-R3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-1-R5-AC-CP-KIT			

*1: When the coil housing is blank and 4 ☐, the voltage is AC voltage only.
*2: For the coil housing 6 ☐, the actuator kit is as follows.

NC (normally closed)
AB41-02, 03-1 to 7

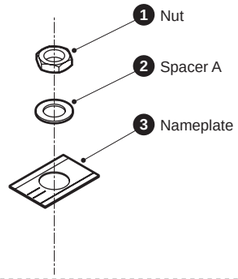
●Actuator kit

Body / Sealant	Coil housing	Voltage	Part model No.	Parts diagram	No.	Qty.
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**6C** (Grommet lead wire)	DC□V □: 12 or 24	AB41-1-H6C-DC□V-ACT-KIT		❺ ❼ ❽ ❾ ❿ ⓫	1 each
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)			AB41-1-L6C-DC□V-ACT-KIT			
B (brass / fluoro rubber) **J** (brass/fluoro rubber oil-prohibited)			AB41-1-J6C-DC□V-ACT-KIT			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)			AB41-1-M6C-DC□V-ACT-KIT			
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**6E** (With DIN terminal box)	DC□V □: 12 or 24	AB41-1-H6E-DC□V-ACT-KIT		❺ ❼ ❽ ❾ ❿ ⓫	1 each
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)			AB41-1-L6E-DC□V-ACT-KIT			
B (brass / fluoro rubber) **J** (brass/fluoro rubber oil-prohibited)			AB41-1-J6E-DC□V-ACT-KIT			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)			AB41-1-M6E-DC□V-ACT-KIT			
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**6G** (With DIN terminal box)	DC□V □: 12 or 24	AB41-1-H6G-DC□V-ACT-KIT		❺ ❼ ❽ ❾ ❿ ⓫	1 each
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)			AB41-1-L6G-DC□V-ACT-KIT			
B (brass / fluoro rubber) **J** (brass/fluoro rubber oil-prohibited)			AB41-1-J6G-DC□V-ACT-KIT			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)			AB41-1-M6G-DC□V-ACT-KIT			
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**6H** (With DIN terminal box)	DC	AB41-1-H6H-DC24V-ACT-KIT		❺ ❼ ❽ ❾ ❿ ⓫	1 each
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)			AB41-1-L6H-DC24V-ACT-KIT			
B (brass / fluoro rubber) **J** (brass/fluoro rubber oil-prohibited)			AB41-1-J6H-DC24V-ACT-KIT			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)			AB41-1-M6H-DC24V-ACT-KIT			

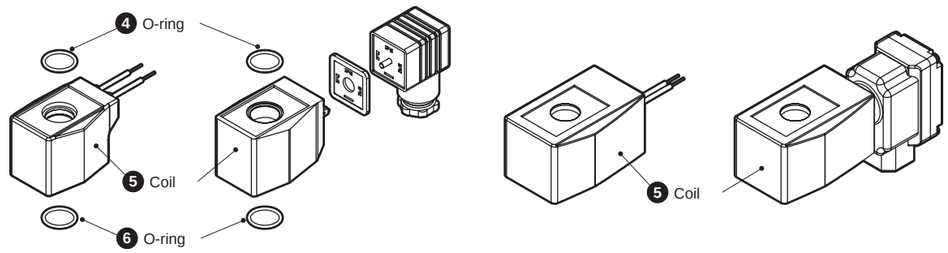
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■Parts Expanded View

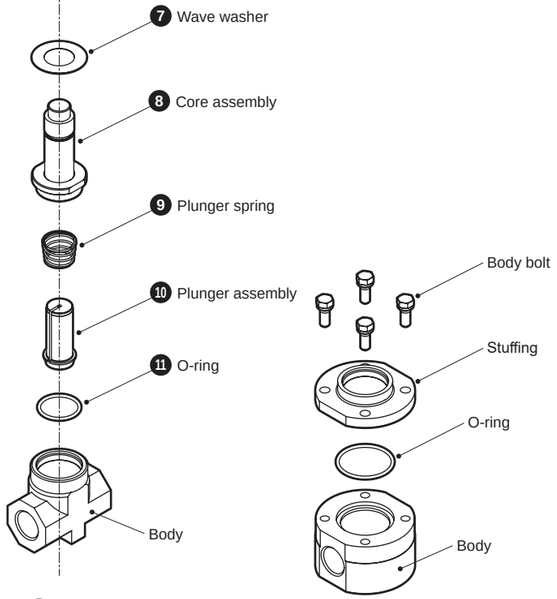
●AB41-03, 04-8



[Coil housing]

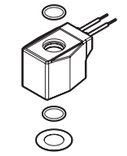
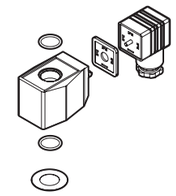
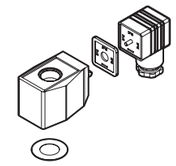
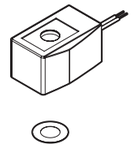
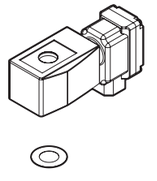


Grommet lead wire | With DIN terminal box | Open frame | With HP terminal box

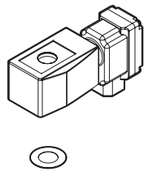


Bronze | Stainless steel

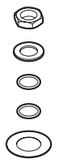
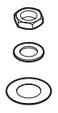
●Coil assembly

Coil housing	Voltage	Part model No. Standard	Part model No. With surge suppressor	Parts diagram	No.	Qty.
Blank (Lead wire) (surge suppressor included)	100 VAC	AB41-COIL-AC100V	AB41-00S-COIL-AC100V		4 5 6 7	1 each
	200 VAC	AB41-COIL-AC200V	AB41-00S-COIL-AC200V			
2E (DIN terminal box with G1/2)	100 VAC	AB41-2E-COIL-AC100V	AB41-2ES-COIL-AC100V		4 5 6 7	1 each
	200 VAC	AB41-2E-COIL-AC200V	AB41-2ES-COIL-AC200V			
2G (DIN terminal box with Pg11)	100 VAC	AB41-2G-COIL-AC100V	AB41-2GS-COIL-AC100V			
	200 VAC	AB41-2G-COIL-AC200V	AB41-2GS-COIL-AC200V			
2H (DIN terminal box with small lamp)	100 VAC	AB41-2H-COIL-AC100V	AB41-2HS-COIL-AC100V			
	200 VAC	AB41-2H-COIL-AC200V	AB41-2HS-COIL-AC200V			
2E (DIN terminal box with G1/2)	24 VDC	AB41-2E-COIL-DC24V	AB41-2ES-COIL-DC24V		5 7	1 each
	12 VDC	AB41-2E-COIL-DC12V	AB41-2ES-COIL-DC12V			
	48 VDC	AB41-2E-COIL-DC48V	AB41-2ES-COIL-DC48V			
	100 VDC	AB41-2E-COIL-DC100V	AB41-2ES-COIL-DC100V			
2G (DIN terminal box with Pg11)	24 VDC	AB41-2G-COIL-DC24V	AB41-2GS-COIL-DC24V			
	12 VDC	AB41-2G-COIL-DC12V	AB41-2GS-COIL-DC12V			
	48 VDC	AB41-2G-COIL-DC48V	AB41-2GS-COIL-DC48V			
	100 VDC	AB41-2G-COIL-DC100V	AB41-2GS-COIL-DC100V			
2H (DIN terminal box with small lamp)	24 VDC	AB41-2H-COIL-DC24V	-			
3A (Open frame/ lead wire) (surge suppressor included)	100 VAC	AB41-3A-COIL-AC100V	AB41-3AS-COIL-AC100V		5 7	1 each
	200 VAC	AB41-3A-COIL-AC200V	AB41-3AS-COIL-AC200V			
	24 VDC	AB41-3A-COIL-DC24V	AB41-3AS-COIL-DC24V			
	12 VDC	AB41-3A-COIL-DC12V	AB41-3AS-COIL-DC12V			
	48 VDC	AB41-3A-COIL-DC48V	AB41-3AS-COIL-DC48V			
	100 VDC	AB41-3A-COIL-DC100V	AB41-3AS-COIL-DC100V			
4A (Open frame / lead wire) (Thermal class 180 (H)) (surge suppressor included)	100 VAC	AB41-4A-COIL-AC100V	AB41-4AS-COIL-AC100V			
	200 VAC	AB41-4A-COIL-AC200V	AB41-4AS-COIL-AC200V			
5A (Open frame / lead wire) (diode integrated)	100 VAC	AB41-5A-COIL-AC100V	-			
	200 VAC	AB41-5A-COIL-AC200V	-			
3M (Open frame / HP terminal box)	100 VAC	AB41-3M-COIL-AC100V	AB41-3MS-COIL-AC100V		5 7	1 each
	200 VAC	AB41-3M-COIL-AC200V	AB41-3MS-COIL-AC200V			
	24 VDC	AB41-3M-COIL-DC24V	AB41-3MS-COIL-DC24V			
	12 VDC	AB41-3M-COIL-DC12V	AB41-3MS-COIL-DC12V			
	48 VDC	AB41-3M-COIL-DC48V	AB41-3MS-COIL-DC48V			
	100 VDC	AB41-3M-COIL-DC100V	AB41-3MS-COIL-DC100V			
3N (Open frame / HP terminal box with lamp)	100 VAC	AB41-3N-COIL-AC100V	AB41-3NS-COIL-AC100V			
	200 VAC	AB41-3N-COIL-AC200V	AB41-3NS-COIL-AC200V			
	24 VDC	AB41-3N-COIL-DC24V	AB41-3NS-COIL-DC24V			
	100 VDC	AB41-3N-COIL-DC100V	AB41-3NS-COIL-DC100V			
4M (Open frame / HP terminal box)	100 VAC	AB41-4M-COIL-AC100V	-			
	200 VAC	AB41-4M-COIL-AC200V	-			
4N (Open frame / HP terminal box with lamp) (Thermal class 180 (H))	100 VAC	AB41-4N-COIL-AC100V	-			
	200 VAC	AB41-4N-COIL-AC200V	-			
5M (Open frame / HP terminal box) (diode integrated)	100 VAC	AB41-5M-COIL-AC100V	-			
	200 VAC	AB41-5M-COIL-AC200V	-			
5N (Open frame / HP terminal box with lamp) (diode integrated)	100 VAC	AB41-5N-COIL-AC100V	-			
	200 VAC	AB41-5N-COIL-AC200V	-			

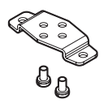
●Coil assembly (waterproof specification)

Coil housing	Voltage	Part model No.		Parts diagram	No.	Qty.
		Standard	With surge suppressor			
3I (Open frame / HP terminal box)	100 VAC	AB41-3I-COIL-AC100V	AB41-3IS-COIL-AC100V		❺ ❼	1 each
	200 VAC	AB41-3I-COIL-AC200V	AB41-3IS-COIL-AC200V			
	24 VDC	AB41-3I-COIL-DC24V	AB41-3IS-COIL-DC24V			
	12 VDC	AB41-3I-COIL-DC12V	AB41-3IS-COIL-DC12V			
	48 VDC	AB41-3I-COIL-DC48V	AB41-3IS-COIL-DC48V			
	100 VDC	AB41-3I-COIL-DC100V	AB41-3IS-COIL-DC100V			
3J (Open frame / HP terminal box/with lamp)	100 VAC	AB41-3J-COIL-AC100V	AB41-3JS-COIL-AC100V			
	200 VAC	AB41-3J-COIL-AC200V	AB41-3JS-COIL-AC200V			
	24 VDC	AB41-3J-COIL-DC24V	AB41-3JS-COIL-DC24V			
	100 VDC	AB41-3J-COIL-DC100V	AB41-3JS-COIL-DC100V			
5I (Open frame / HP terminal box) (diode integrated)	100 VAC	AB41-5I-COIL-AC100V	-			
	200 VAC	AB41-5I-COIL-AC200V	-			
5J (Open frame / HP terminal box/with lamp) (diode integrated)	100 VAC	AB41-5J-COIL-AC100V	-			
	200 VAC	AB41-5J-COIL-AC200V	-			

●Coil fixing parts kit

Coil housing	Part model No.	Parts diagram	No.	Qty.
Blank (Lead wire) **2☐ -AC** (with DIN terminal box)	AB41- 0 -COIL-FIXED-KIT		❶ ❷ ❹ ❻ ❼	1 1 2 2 1
2☐ -DC (with DIN terminal box)	AB41-2DC-COIL-FIXED-KIT		❶ ❷ ❼	1 each
3☐ (Open frame) **4☐** (Open frame 180 (H)) **5☐** (Open frame diode integrated)	AB41- 3 -COIL-FIXED-KIT			

●Mounting plate

Part model No.	Parts diagram
AB4-GE-100159-MOUNT-PLATE-KIT	

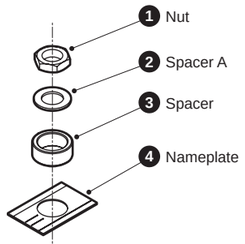
●Core assembly / plunger assembly kit

Body / Sealant	Coil housing	Voltage	Part model No.	Parts diagram	No.	Qty.
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-8-H0-AC-CP-KIT		❽ ❾ ❿ ⓫	1 each
		DC	AB41-8-H3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-8-H5-AC-CP-KIT			
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-8-L0-AC-CP-KIT			
		DC	AB41-8-L3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-8-L5-AC-CP-KIT			
B (brass / fluoro rubber) **J** (brass / fluoro rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-8-J0-AC-CP-KIT			
		DC	AB41-8-J3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-8-J5-AC-CP-KIT			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-8-M0-AC-CP-KIT			
		DC	AB41-8-M3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-8-M5-AC-CP-KIT			
P (brass /ethylene propylene rubber/ oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-8-P0-AC-CP-KIT			
		DC	AB41-8-P3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-8-P5-AC-CP-KIT			
R (Stainless steel / ethylene propylene rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	AB41-8-R0-AC-CP-KIT			
		DC	AB41-8-R3-DC-CP-KIT			
	5☐ (open frame diode integrated)	AC	AB41-8-R5-AC-CP-KIT			

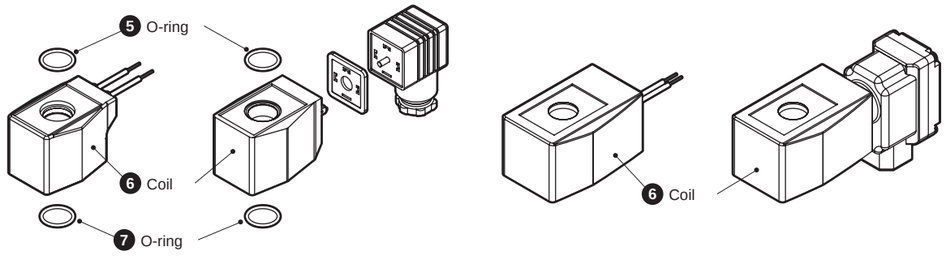
*1: When the coil housing is blank and 4 ☐, the voltage is AC voltage only.

■Parts Expanded View

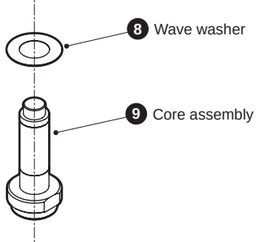
●AB42



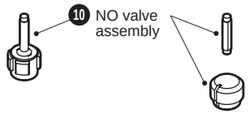
[Coil housing]



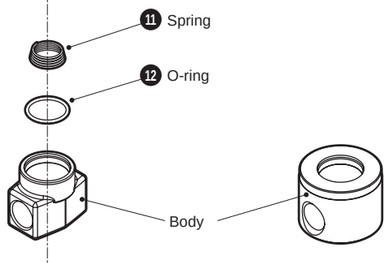
Grommet lead wire | With DIN terminal box | Open frame | With HP terminal box



[Body/sealant combination]



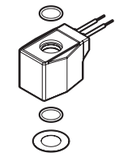
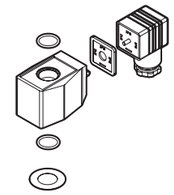
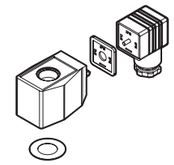
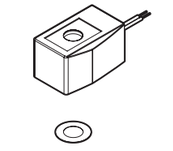
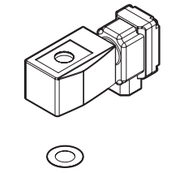
Blank/B/D/E/H/J/P/L/M/R | C/F/K/N



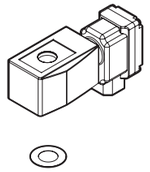
Bronze | Stainless steel

NO (closed when energized)

●Coil assembly

Coil housing	Voltage	Part model No. Standard	Part model No. With surge suppressor	Parts diagram	No.	Qty.
Blank (Lead wire) (surge suppressor included)	100 VAC	AB42-COIL-AC100V	AB42-00S-COIL-AC100V		5 6 7 8	1 each
	200 VAC	AB42-COIL-AC200V	AB42-00S-COIL-AC200V			
2E (DIN terminal box with G1/2)	100 VAC	AB42-2E-COIL-AC100V	AB42-2ES-COIL-AC100V		5 6 7 8	1 each
	200 VAC	AB42-2E-COIL-AC200V	AB42-2ES-COIL-AC200V			
2G (DIN terminal box with Pg11)	100 VAC	AB42-2G-COIL-AC100V	AB42-2GS-COIL-AC100V			
	200 VAC	AB42-2G-COIL-AC200V	AB42-2GS-COIL-AC200V			
2H (DIN terminal box with small lamp)	100 VAC	AB42-2H-COIL-AC100V	AB42-2HS-COIL-AC100V			
	200 VAC	AB42-2H-COIL-AC200V	AB42-2HS-COIL-AC200V			
2E (DIN terminal box with G1/2)	24 VDC	AB42-2E-COIL-DC24V	AB42-2ES-COIL-DC24V		6 8	1 each
	12 VDC	AB42-2E-COIL-DC12V	AB42-2ES-COIL-DC12V			
	48 VDC	AB42-2E-COIL-DC48V	AB42-2ES-COIL-DC48V			
	100 VDC	AB42-2E-COIL-DC100V	AB42-2ES-COIL-DC100V			
2G (DIN terminal box with Pg11)	24 VDC	AB42-2G-COIL-DC24V	AB42-2GS-COIL-DC24V			
	12 VDC	AB42-2G-COIL-DC12V	AB42-2GS-COIL-DC12V			
	48 VDC	AB42-2G-COIL-DC48V	AB42-2GS-COIL-DC48V			
	100 VDC	AB42-2G-COIL-DC100V	AB42-2GS-COIL-DC100V			
2H (DIN terminal box with small lamp)	24 VDC	AB42-2H-COIL-DC24V	-			
3A (Open frame/ lead wire) (surge suppressor included)	100 VAC	AB42-3A-COIL-AC100V	AB42-3AS-COIL-AC100V		6 8	1 each
	200 VAC	AB42-3A-COIL-AC200V	AB42-3AS-COIL-AC200V			
	24 VDC	AB42-3A-COIL-DC24V	AB42-3AS-COIL-DC24V			
	12 VDC	AB42-3A-COIL-DC12V	AB42-3AS-COIL-DC12V			
	48 VDC	AB42-3A-COIL-DC48V	AB42-3AS-COIL-DC48V			
	100 VDC	AB42-3A-COIL-DC100V	AB42-3AS-COIL-DC100V			
4A (Open frame / lead wire) (Thermal class 180 (H)) (surge suppressor included)	100 VAC	AB42-4A-COIL-AC100V	AB42-4AS-COIL-AC100V			
	200 VAC	AB42-4A-COIL-AC200V	AB42-4AS-COIL-AC200V			
5A (Open frame / lead wire) (diode integrated)	100 VAC	AB42-5A-COIL-AC100V	-			
	200 VAC	AB42-5A-COIL-AC200V	-			
3M (Open frame / HP terminal box)	100 VAC	AB42-3M-COIL-AC100V	AB42-3MS-COIL-AC100V		6 8	1 each
	200 VAC	AB42-3M-COIL-AC200V	AB42-3MS-COIL-AC200V			
	24 VDC	AB42-3M-COIL-DC24V	AB42-3MS-COIL-DC24V			
	12 VDC	AB42-3M-COIL-DC12V	AB42-3MS-COIL-DC12V			
	48 VDC	AB42-3M-COIL-DC48V	AB42-3MS-COIL-DC48V			
	100 VDC	AB42-3M-COIL-DC100V	AB42-3MS-COIL-DC100V			
3N (Open frame / HP terminal box with lamp)	100 VAC	AB42-3N-COIL-AC100V	AB42-3NS-COIL-AC100V			
	200 VAC	AB42-3N-COIL-AC200V	AB42-3NS-COIL-AC200V			
	24 VDC	AB42-3N-COIL-DC24V	AB42-3NS-COIL-DC24V			
	100 VDC	AB42-3N-COIL-DC100V	AB42-3NS-COIL-DC100V			
4M (Open frame / HP terminal box)	100 VAC	AB42-4M-COIL-AC100V	-			
	200 VAC	AB42-4M-COIL-AC200V	-			
4N (Open frame / HP terminal box with lamp) (Thermal class 180 (H))	100 VAC	AB42-4N-COIL-AC100V	-			
	200 VAC	AB42-4N-COIL-AC200V	-			
5M (Open frame / HP terminal box) (diode integrated)	100 VAC	AB42-5M-COIL-AC100V	-			
	200 VAC	AB42-5M-COIL-AC200V	-			
5N (Open frame / HP terminal box with lamp) (diode integrated)	100 VAC	AB42-5N-COIL-AC100V	-			
	200 VAC	AB42-5N-COIL-AC200V	-			

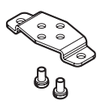
●Coil assembly (waterproof specification)

Coil housing	Voltage	Part model No.		Parts diagram	No.	Qty.
		Standard	With surge suppressor			
3I (Open frame / HP terminal box)	100 VAC	**AB42-3I-COIL-AC100V**	**AB42-3IS-COIL-AC100V**		❻ ❽	1 each
	200 VAC	**AB42-3I-COIL-AC200V**	**AB42-3IS-COIL-AC200V**			
	24 VDC	**AB42-3I-COIL-DC24V**	**AB42-3IS-COIL-DC24V**			
	12 VDC	**AB42-3I-COIL-DC12V**	**AB42-3IS-COIL-DC12V**			
	48 VDC	**AB42-3I-COIL-DC48V**	**AB42-3IS-COIL-DC48V**			
	100 VDC	**AB42-3I-COIL-DC100V**	**AB42-3IS-COIL-DC100V**			
3J (Open frame / HP terminal box/with lamp)	100 VAC	**AB42-3J-COIL-AC100V**	**AB42-3JS-COIL-AC100V**			
	200 VAC	**AB42-3J-COIL-AC200V**	**AB42-3JS-COIL-AC200V**			
	24 VDC	**AB42-3J-COIL-DC24V**	**AB42-3JS-COIL-DC24V**			
	100 VDC	**AB42-3J-COIL-DC100V**	**AB42-3JS-COIL-DC100V**			
5I (Open frame / HP terminal box) (diode integrated)	100 VAC	**AB42-5I-COIL-AC100V**	-			
	200 VAC	**AB42-5I-COIL-AC200V**	-			
5J (Open frame / HP terminal box/with lamp) (diode integrated)	100 VAC	**AB42-5J-COIL-AC100V**	-			
	200 VAC	**AB42-5J-COIL-AC200V**	-			

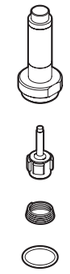
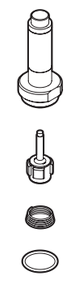
●Coil fixing parts kit

Coil housing	Part model No.	Parts diagram	No.	Qty.
Blank (Lead wire) **2☐-AC** (with DIN terminal box)	**AB42- 0 -COIL-FIXED-KIT**		❶ ❷ ❸ ❺ ❼ ❽	1 each
2☐-DC (with DIN terminal box)	**AB42-2DC-COIL-FIXED-KIT**		❶ ❷ ❸ ❽	1 each
3☐ (Open frame) **4☐** (Open frame 180 (H)) **5☐** (Open frame diode integrated)	**AB42- 3 -COIL-FIXED-KIT**			

●Mounting plate

	Part model No.	Parts diagram
Brass body Stainless steel body - Bore size 02 - Orifice 1 to 6	**AB4-GE-100106-MOUNT-PLATE-KIT**	
Stainless steel body - Bore size 02 - Orifice 7 Bore size 03 - Orifice 1 to 7	**AB4-GE-100159-MOUNT-PLATE-KIT**	

●Core assembly/NO valve assembly kit

Body / Sealant	Coil housing	Voltage	Part model No.	Parts diagram	No.	Qty.
Blank (brass / nitrile rubber) **H** (brass / nitrile rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-H0-AC-CP-KIT**		❾ ❿ ⓫ ⓬	1 each
		DC	**AB42-1-H3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-H5-AC-CP-KIT**			
D (stainless steel / nitrile rubber) **L** (stainless steel / nitrile rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-L0-AC-CP-KIT**			
		DC	**AB42-1-L3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-L5-AC-CP-KIT**			
B (brass / fluoro rubber) **J** (brass / fluoro rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-J0-AC-CP-KIT**			
		DC	**AB42-1-J3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-J5-AC-CP-KIT**			
E (stainless steel / fluoro rubber) **M** (stainless steel / fluoro rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-M0-AC-CP-KIT**			
		DC	**AB42-1-M3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-M5-AC-CP-KIT**			
C (brass / PTFE) **K** (brass / PTFE oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-K0-AC-CP-KIT**			
		DC	**AB42-1-K3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-K5-AC-CP-KIT**			
F (stainless steel / PTFE) **N** (stainless steel / PTFE oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-N0-AC-CP-KIT**			
		DC	**AB42-1-N3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-N5-AC-CP-KIT**			
P (brass /ethylene propylene rubber/ oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-P0-AC-CP-KIT**			
		DC	**AB42-1-P3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-P5-AC-CP-KIT**			
R (Stainless steel / ethylene propylene rubber oil-prohibited)	**Blank** (Lead wire) **2☐** (with DIN terminal box) **3☐** (open frame) **4☐** (Open frame 180(H))	AC	**AB42-1-R0-AC-CP-KIT**			
		DC	**AB42-1-R3-DC-CP-KIT**			
	5☐ (open frame diode integrated)	AC	**AB42-1-R5-AC-CP-KIT**			

*1: When the coil housing is blank and 4 ☐, the voltage is AC voltage only.