MS71, modular sockets

Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

Functions

- Widely used in terminal distribution system
- Being complete series of terminal distribution system together with series 3SB71

Technical specifications

- Standard: IEC 60884-1
- Rated current (A): 16
- Modules: 2.5
- Rated voltage Ue (V): 230/400
- Conductor cross-sections
- Solid and stranded (mm^2): 0.75-35

Selection and ordering data

	Number of poles (P)	Rated current In (A)	Type code	Order code
	2+E	16	MS71	17727

Outline and installation dimensions

3SB71P & 3SB71D & 3SB71PD

Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

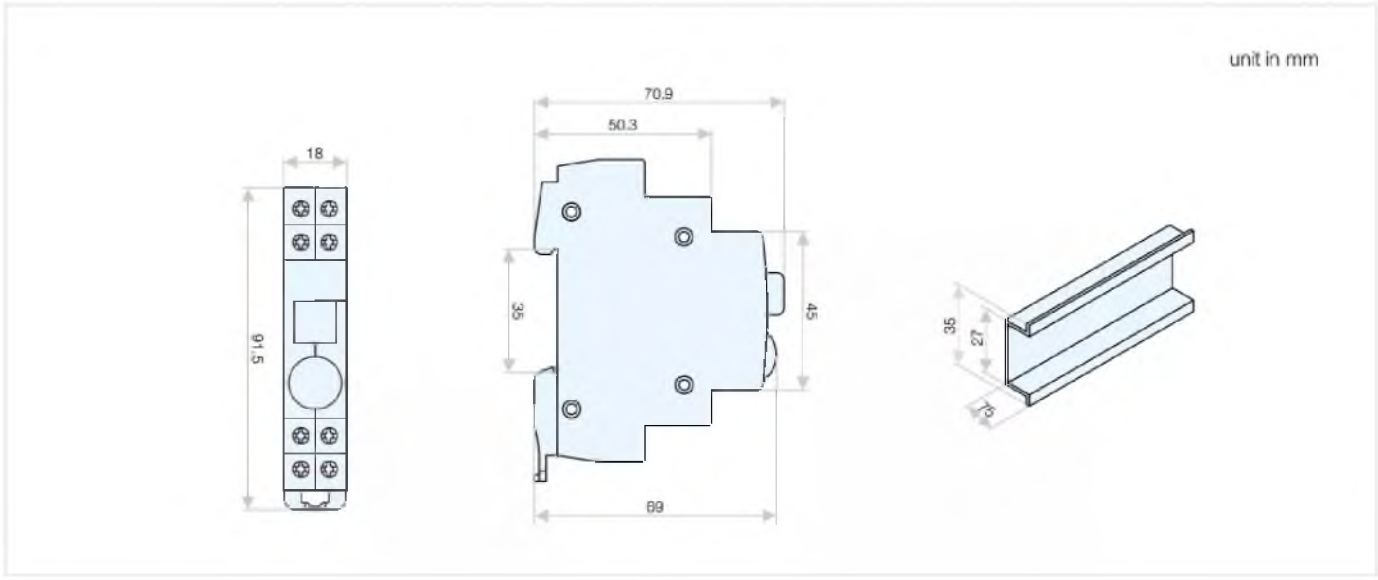
Functions

- The pushbuttons are used for remote control in every kind of electric installation.
- The indicator lamps signal any event in every kind of electric installation.
- 3SB71P, 3SB71D, 3SB71PD may match with MCB series 3SB71-63

Technical specifications

- Standard: IEC 60947-5-1
- Rated voltage Ue (V): 230
- Rated current In (A): 6
- Conventional glowing current (A): 16
- Frequency (Hz): 50/60
- Modules (18mm): 1
- Utilization category: AC14, DC13
- Degree of protection: IP20, with connected conductors
- Conductor cross-sections
- Solid and stranded (mm^2): 1-10
- Finely stranded with end sleeve (mm^2): 1-4
- Terminal tightening torque (N·m): 0.5
- Ambient temperature (°C): -5 ~ +40, max. 95% humidity
- Storage temperature (°C): -40 ~ +75
- Connection capacity (mm^2): 1-16

Outline and installation dimensions



Selection and ordering data

3SB71P Pushbutton

Color			Voltage AC/DC	1 NO + 2 NC		2 NO + 1 NC		2 NO + 2 NC		3 NO	
Pushbutton		Indicator	(V)	Type code	Order code	Type code	Order code	Type code	Order code	Type code	Order code
Green	■	-	-	B71P G12	**16185**	B71P G21	**16186**	B71P G22	**16187**	B71P G30	**16188**
Red	■	-	-	B71P R12	**16189**	B71P R21	**16190**	B71P R22	**16191**	B71P R30	**16192**
Black	■	-	-	B71P H12	**16193**	B71P H21	**16194**	B71P H22	**16195**	B71P H30	**16196**
Yellow	■	-	-	B71P Y12	**16197**	B71P Y21	**16198**	B71P Y22	**16199**	B71P Y30	**16200**
Blue	■	-	-	B71P B12	**16201**	B71P B21	**16202**	B71P B22	**16203**	B71P B30	**16204**

3SB71PD Pushbutton + Indicator

Color			Voltage AC/DC	1 NO + 2 NC		2 NO + 1 NC		2 NO + 2 NC		3 NO	
Pushbutton		Indicator	(V)	Type code	Order code	Type code	Order code	Type code	Order code	Type code	Order code
Green	■	●	12	B71PD G12V12	**16205**	B71PD G21V12	**16206**	-	-	B71PD G30V12	**16207**
Red	■	●	12	B71PD R12V12	**16208**	B71PD R21V12	**16209**	-	-	B71PD R30V12	**16210**
White	□	○	12	B71PD W12V12	**16211**	B71PD W21V12	**16212**	-	-	B71PD W30V12	**16213**
Yellow	■	●	12	B71PD Y12V12	**16214**	B71PD Y21V12	**16215**	-	-	B71PD Y30V12	**16216**
Blue	■	●	12	B71PD B12V12	**16217**	B71PD B21V12	**16218**	-	-	B71PD B30V12	**16219**
Green	■	●	24	B71PD G12V24	**16220**	B71PD G21V24	**16221**	-	-	B71PD G30V24	**16222**
Red	■	●	24	B71PD R12V24	**16223**	B71PD R21V24	**16224**	-	-	B71PD R30V24	**16225**
White	□	○	24	B71PD W12V24	**16226**	B71PD W21V24	**16227**	-	-	B71PD W30V24	**16228**
Yellow	■	●	24	B71PD Y12V24	**16229**	B71PD Y21V24	**16230**	-	-	B71PD Y30V24	**16231**
Blue	■	●	24	B71PD B12V24	**16232**	B71PD B21V24	**16233**	-	-	B71PD B30V24	**16234**
Green	■	●	110	B71PD G12V110	**16235**	B71PD G21V110	**16236**	-	-	B71PD G30V110	**16237**
Red	■	●	110	B71PD R12V110	**16238**	B71PD R21V110	**16239**	-	-	B71PD R30V110	**16240**
White	□	○	110	B71PD W12V110	**16241**	B71PD W21V110	**16242**	-	-	B71PD W30V110	**16243**
Yellow	■	●	110	B71PD Y12V110	**16244**	B71PD Y21V110	**16245**			B71PD Y30V110	**16246**
Blue	■	●	110	B71PD B12V110	**16247**	B71PD B21V110	**16248**	-	-	B71PD B30V110	**16249**
Green	■	●	230	B71PD G12V230	**16250**	B71PD G21V230	**16251**	-	-	B71PD G30V230	**16252**
Red	■	●	230	B71PD R12V230	**16253**	B71PD R21V230	**16254**	-	-	B71PD R30V230	**16255**
White	□	○	230	B71PD W12V230	**16256**	B71PD W21V230	**16257**	-	-	B71PD W30V230	**16258**
Yellow	■	●	230	B71PD Y12V230	**16259**	B71PD Y21V230	**16260**	-	-	B71PD Y30V230	**16261**
Blue	■	●	230	B71PD B12V230	**16262**	B71PD B21V230	**16263**	-	-	B71PD B30V230	**16264**

3SB71D Indicator

Color			12		24		110		230	
Pushbutton		Indicator	V AC/DC		V AC/DC		V AC/DC		V AC/DC	
			Type code	Order code	Type code	Order code	Type code	Order code	Type code	Order code
Green	-	●	B71D G12	**16265**	B71D G24	**16266**	B71D G110	**16267**	B71D G230	**16268**
Red	-	●	B71D R12	**16269**	B71D R24	**16270**	B71D R110	**16271**	B71D R230	**16272**
White	-	○	B71D W12	**16273**	B71D W24	**16274**	B71D W110	**16275**	B71D W230	**16276**
Yellow	-	●	B71D Y12	**16277**	B71D Y24	**16278**	B71D Y110	**16279**	B71D Y230	**16280**
Blue	-	●	B71D B12	**16281**	B71D B24	**16282**	B71D B110	**16283**	B71D B230	**16284**

3SB71G, switch disconnectors

Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

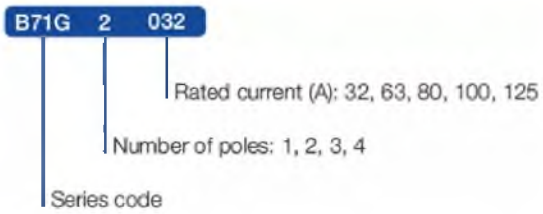
Functions

- Making and breaking under load condition
- Providing safety isolation for terminal distribution system
- Used in residential building, non-residential building

Features

- The handle provides a clear indication of the contact position
- Adequate printing of all data on the front provides longterm identification
- Based on the technology of MCB series 3SB71, similar design to series 3SB71
- Matched with series 3SB71

Instruction of type code



Technical specifications

Type	3SB71G-125	3SB71G-125 DC			
Standard	IEC 60947-3	IEC 60947-3			
Rated current In (A)	32, 63, 100, 125	63, 80, 100, 125			
Number of poles	1P, 2P, 3P, 4P	1P	2P	3P	4P
Rated voltage Un	230/400 V AC	230 V DC	400 V DC	750 V DC	1000 V DC
Rated insulation voltage Ui (V)	500	1000			
Rated short-time withstand current Icw (A)	20 In	12 In			
Degree of protection	IP20, with connected conductors	IP20, with connected conductors			

Electrical life (times)	10,000	1500
Mechanical life (times)	20,00	8500
Mounting position	Any	Any
Conductor cross-sections		
Solid and stranded (mm²)	0.75-35	0.75-35
Finely stranded with end sleeve (mm²)	0.75-25	0.75-25
Terminal tightening torque (N·m)	2-2.5	2-2.5
Ambient temperature (°C)	-25 ~ +45, max. 95% humidity	-25 ~ +45, max. 95% humidity
Storage temperature (°C)	-40 ~ +75	-40 ~ +70
Altitude (meter)	Max. 2000	Max. 2000

Selection and ordering data

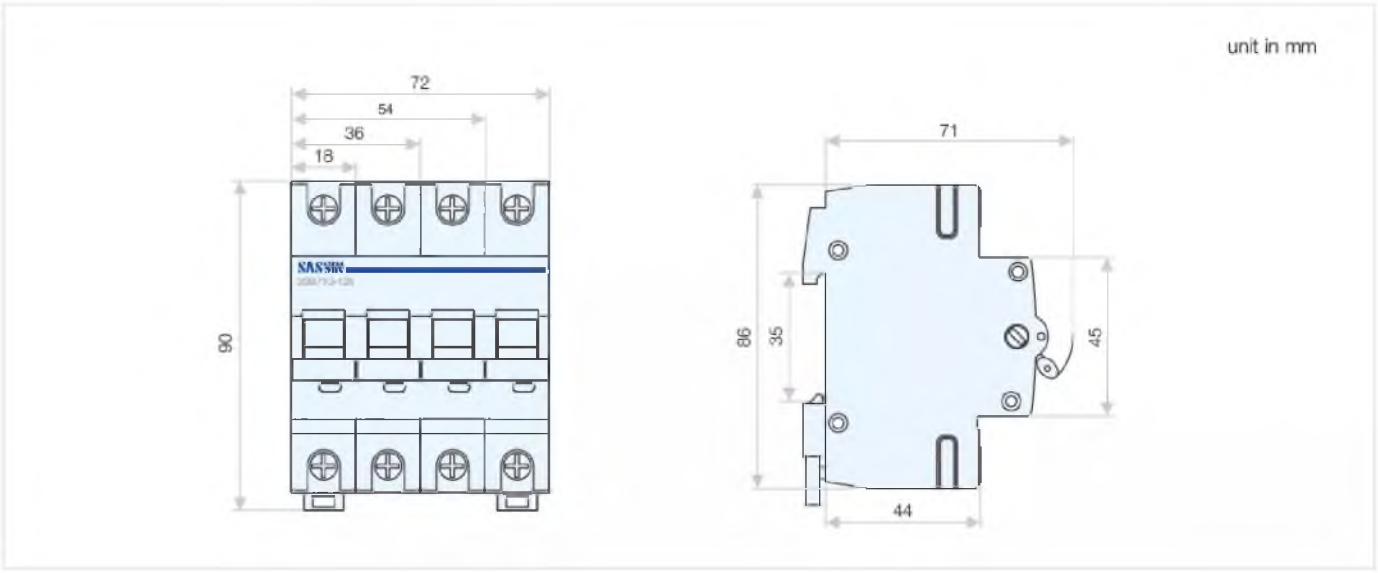
3SB71G-125

	Number of poles (P)	Rated current In (A)	Type code	Order code	Pack.
	1	32	B71G 1032	22899	12
		63	B71G 1063	22900	12
		100	B71G 1100	22901	12
		125	B71G 1125	38876	12
					
	2	32	B71G 2032	22902	6
		63	B71G 2063	22903	6
		100	B71G 2100	22904	6
		125	B71G 2125	38877	6
					
	3	32	B71G 3032	22905	4
		63	B71G 3063	22906	4
		100	B71G 3100	22907	4
		125	B71G 3125	38878	4
					
	4	32	B71G 4032	22908	3
		63	B71G 4063	22909	3
		100	B71G 4100	22910	3
		125	B71G 4125	38879	3
					

3SB71G-125 DC

Number of poles (P)	Rated voltage Un (V)	Rated current In (A)	Type code	Order code	Pack.
1	230	63	B71G 163D	**39195**	12
		80	B71G 180D	**24361**	12
		100	B71G 1100D	**24365**	12
		125	B71G 1125D	**24383**	12
2	400 ⎓	63	B71G 263D	**39196**	6
		80	B71G 280D	**24362**	6
		100	B71G 2100D	**24366**	6
		125	B71G 2125D	**24384**	6
3	750 ⎓	63	B71G 363D	**39197**	4
		80	B71G 380D	**24363**	4
		100	B71G 3100D	**24367**	4
		125	B71G 3125D	**24385**	4
4	1000 ⎓	63	B71G 463D	**39198**	3
		80	B71G 480D	**24364**	3
		100	B71G 4100D	**24382**	3
		125	B71G 4125D	**24386**	3

Outline and installation dimensions



3SCH8, modular contactors

Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

Functions

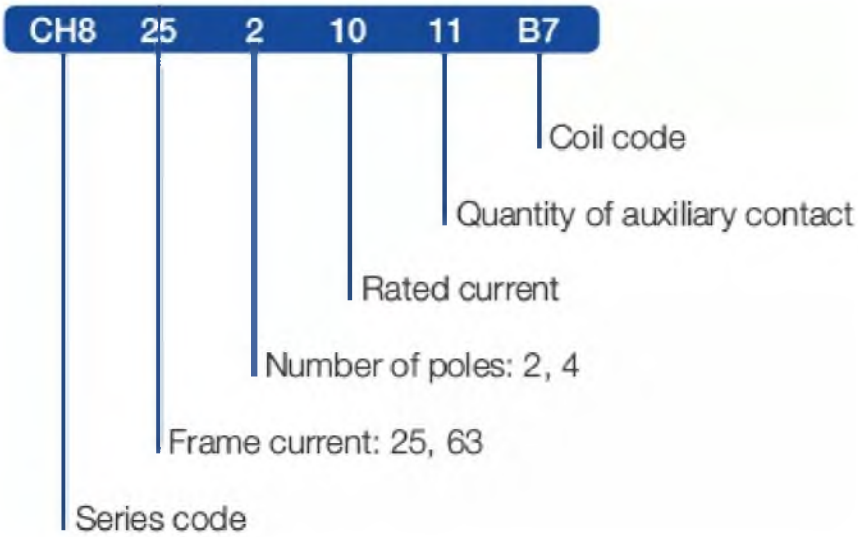
- Remote switching and controlling of power circuits
- Used in building automation,?controlling of small pumps,ventilations, heating systems, lighting systems, and so on

Technical specifications

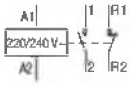
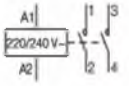
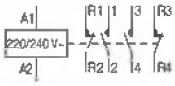
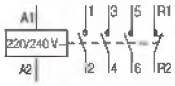
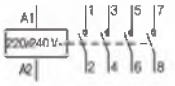
Type	**3SCH8-25**	**3SCH8-63**
Standards	IEC 61095	IEC 60947-4-1
Number of poles	2, 4	
Type of current	AC	
Frequency (Hz)	50/60	
Rated voltage Un (V)	230/400	
Rated current In in AC-7a / AC1 (A)	10, 16, 20, 25	25, 32, 40, 63
Rated current In in AC-7b / AC1 (A)	4, 5.5, 7, 8.5	8.5, 12, 15, 25
Rated power in AC3 (Kw)		
230 V	2-5	5-13
400 V	6-13	15-40
Control circuit voltage (V)	230/400	
Mechanical life (times)	300,000	
Electrical life (times)		
AC-7a / AC1	10,000	80,000
AC-7b / AC1	50,000	40,000
Degree of protection	IP20, with connected conductors	
Conductor cross-sections		
Solid and stranded (mm^2)	2-25	
Finely stranded with end sleeve (mm^2)	2-25	
Terminals		
Terminal tightening torque (N·m)	0.8-2.4	

Ambient temperature (°C)	-5 ~ +40, max. 95 % humidity
Storage temperature (°C)	-40 ~ +75
Connection capacity (mm²)	1-25

Instruction of type code



Selection and ordering data

	Number of poles	Width 18 mm mods	Rated current In AC-7a AC (A)	Rated current In AC-7b AC	Contact position	Control voltage (V AC)	Rated control Power in AC-7a /230 V (kW)	Rated control Power in AC-7b /230 V	Type code	Order code
	2	1	10	4	1NO+1NC	24	2	0.75	CH825 210 11B7	25896
		1	10	4	2NO	24	2	0.75	CH825 210 20B7	25897
		1	16	5.5	1NO+1NC	24	3.2	1.0	CH825 216 11B7	25898
		1	16	5.5	2NO	24	3.2	1.0	CH825 216 20B7	25899
		1	20	7	1NO+1NC	24	4	1.2	CH825 220 11B7	25900
		1	20	7	2NO	24	4	1.2	CH825 220 20B7	25901
		1	25	8.5	1NO+1NC	24	5	1.4	CH825 225 11B7	25902
		1	25	8.5	2NO	24	5	1.4	CH825 225 20B7	25903
		1	10	4	1NO+1NC	230	2	0.75	CH825 210 11P7	26156
		1	10	4	2NO	230	2	0.75	CH825 210 20P7	26157
		1	16	5.5	1NO+1NC	230	3.2	1.0	CH825 216 11P7	26158
		1	16	5.5	2NO	230	3.2	1.0	CH825 216 20P7	26159
		1	20	7	1NO+1NC	230	4	1.2	CH825 220 11P7	26160
		1	20	7	2NO	230	4	1.2	CH825 220 20P7	26161
		1	25	8.5	1NO+1NC	230	5	1.4	CH825 225 11P7	26162
		1	25	8.5	2NO	230	5	1.4	CH825 225 20P7	26163
	4	2	10	4	2NO+2NC	24	6.2	2.2	CH825 410 22B7	25904
		2	10	4	3NO+1NC	24	6.2	2.2	CH825 410 31B7	25905
		2	10	4	4NO	24	6.2	2.2	CH825 410 40B7	25906
		2	10	4	4NC	24	6.2	2.2	CH825 410 04B7	25907
		2	16	5.5	2NO+2NC	24	10	3	CH825 416 22B7	25908
		2	16	5.5	3NO+1NC	24	10	3	CH825 416 31B7	25909
		2	16	5.5	4NO	24	10	3	CH825 416 40B7	25910
		2	16	5.5	4NC	24	10	3	CH825 416 04B7	25911
		2	20	7	2NO+2NC	24	13	3.5	CH825 420 22B7	25912
		2	20	7	3NO+1NC	24	13	3.5	CH825 420 31B7	25913
		2	20	7	4NO	24	13	3.5	CH825 420 40B7	25914
		2	20	7	4NC	24	13	3.5	CH825 420 04B7	25915
		2	25	8.5	2NO+2NC	24	15	4	CH825 425 22B7	25916
		2	25	8.5	3NO+1NC	24	15	4	CH825 425 31B7	25917
		2	25	8.5	4NO	24	15	4	CH825 425 40B7	25918
		2	25	8.5	4NC	24	15	4	CH825 425 04B7	25919
		2	10	4	2NO+2NC	230	6.2	2.2	CH825 410 22P7	26164
		2	10	4	3NO+1NC	230	6.2	2.2	CH825 410 31P7	26165
		2	10	4	4NO	230	6.2	2.2	CH825 410 40P7	26166
		2	10	4	4NC	230	6.2	2.2	CH825 410 04P7	26167
		2	16	5.5	2NO+2NC	230	10	3	CH825 416 22P7	26168
		2	16	5.5	3NO+1NC	230	10	3	CH825 416 31P7	26169
		2	16	5.5	4NO	230	10	3	CH825 416 40P7	26170
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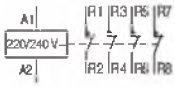
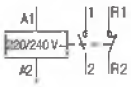
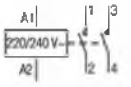
		2	20	7	2NO+2NC	230	13	3.5	CH825 420 22P7	26172
		2	20	7	3NO+1NC	230	13	3.5	CH825 420 31P7	26173
		2	20	7	4NO	230	13	3.5	CH825 420 40P7	26174
		2	20	7	4NC	230	13	3.5	CH825 420 04P7	26175
		2	25	8.5	2NO+2NC	230	15	4	CH825 425 22P7	26176
		2	25	8.5	3NO+1NC	230	15	4	CH825 425 31P7	26177
		2	25	8.5	4NO	230	15	4	CH825 425 40P7	26178
		2	25	8.5	4NC	230	15	4	CH825 425 04P7	26179

(1) Please contact us if any other coil voltage required

Selection and ordering data

	Number of poles	Width 18 mm mods	Rated current In AC-7a AC (A)	Rated current In AC-7b AC	Contact position	Control voltage (V AC)	Rated control Power in AC-7a /230 V (kW)	Rated control Power in AC-7b /230 V	Type code	Order code
	2	2	25	8.5	1NO+1NC	24	5	1.4	CH863 225 11B7	25920
		2	25	8.5	2NO	24	5	1.4	CH863 225 20B7	25921
		2	25	8.5	2NC	24	5	1.4	CH863 225 02B7	25922
		2	32	12	1NO+1NC	24	6.5	2	CH863 232 11B7	25923
		2	32	12	2NO	24	6.5	2	CH863 232 20B7	25924
		2	32	12	2NC	24	6.5	2	CH863 232 02B7	25925
		2	40	15	1NO+1NC	24	8.5	2.5	CH863 240 11B7	25926
		2	40	15	2NO	24	8.5	2.5	CH863 240 20B7	25927
		2	40	15	2NC	24	8.5	2.5	CH863 240 02B7	25928
		2	63	25	1NO+1NC	24	13	4	CH863 263 11B7	25929
		2	63	25	2NO	24	13	4	CH863 263 20B7	25930
		2	63	25	2NC	24	13	4	CH863 263 02B7	25931
		2	25	8.5	1NO+1NC	230	5	1.4	CH863 225 11P7	26180
		2	25	8.5	2NO	230	5	1.4	CH863 225 20P7	26181
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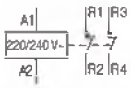
		2	32	12	1NO+1NC	230	6.5	2	CH863 232 11P7	26183
		2	32	12	2NO	230	6.5	2	CH863 232 20P7	26184
		2	32	12	2NC	230	6.5	2	CH863 232 02P7	26185
		2	40	15	1NO+1NC	230	8.5	2.5	CH863 240 11P7	26186
		2	40	15	2NO	230	8.5	2.5	CH863 240 20P7	26187
		2	40	15	2NC	230	8.5	2.5	CH863 240 02P7	26188
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		2	63	25	2NC	230	13	4	CH863 263 02P7	26191
	4	3	25	8.5	2NO+2NC	24	15	4	CH863 425 22B7	25932
		3	25	8.5	3NO+1NC	24	15	4	CH863 425 31B7	25933
		3	25	8.5	4NO	24	15	4	CH863 425 40B7	25934
		3	25	8.5	4NC	24	15	4	CH863 425 04B7	25935
		3	32	12	2NO+2NC	24	21	6.5	CH863 432 22B7	25936
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	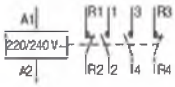	3	32	12	4NC	24	21	6.5	CH863 432 04B7	25939
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		3	40	15	4NO	24	26	7.5	CH863 440 40B7	25942
		3	40	15	4NC	24	26	7.5	CH863 440 04B7	25943
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	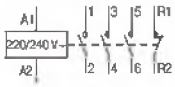	3	63	25	4NO	24	40	13	CH863 463 40B7	25946
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		3	25	8.5	3NO+1NC	230	15	4	CH863 425 31P7	26193
		3	25	8.5	4NO	230	15	4	CH863 425 40P7	26194
		3	25	8.5	4NC	230	15	4	CH863 425 04P7	26195
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	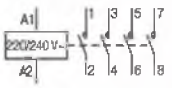	3	32	12	3NO+1NC	230	21	6.5	CH863 432 31P7	26197
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		3	40	15	2NO+2NC	230	26	7.5	CH863 440 22P7	26200
		3	40	15	3NO+1NC	230	26	7.5	CH863 440 31P7	26201
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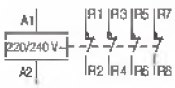
		3	40	15	4NC	230	26	7.5	CH863 440 04P7	26203
		3	63	25	2NO+2NC	230	40	13	CH863 463 22P7	26204
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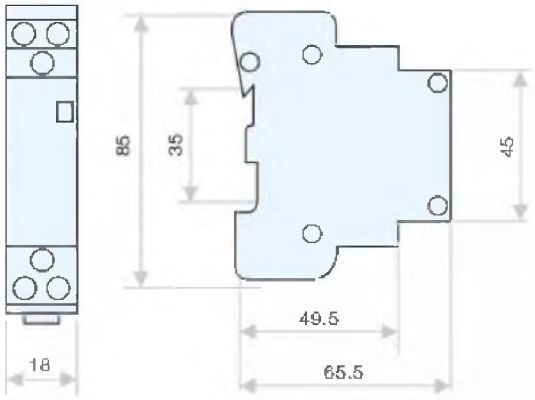
		3	63	25	4NO	230	40	13	CH863 463 40P7	26206
		3	63	25	4NC	230	40	13	CH863 463 04P7	26207

(1) Please contact us if any other coil voltage required

Outline and installation dimensions

unit in mm

3SCH8-25 2P



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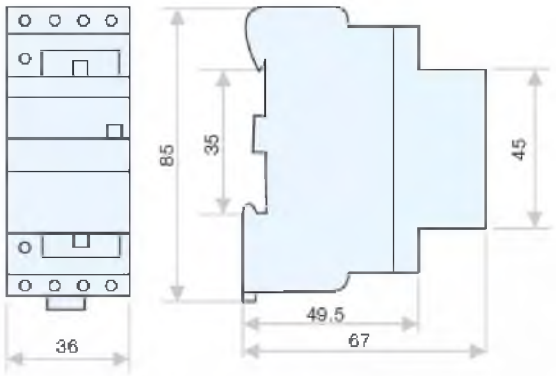
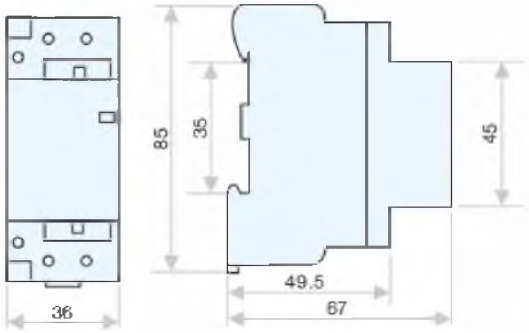


3SCH8-63 2P



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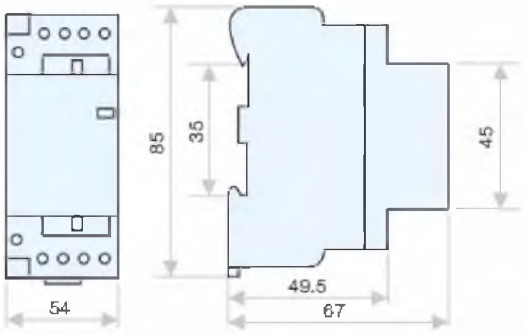


3SE8 & 3SUL181H & 3SRC18 & 3SHC18A

Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

Functions

- Controlling circuit opening and closing according to the scheduled program
- Can be set on the scheduled program
- Available on hourly, daily and weekly version and equipped with a 16 A contact
- Fitting applications such as shop lighting systems, public buildings, schools, heating and irrigation systems and so forth

Technical specifications

Type	3SE8	3SUL181H	3SRC18	3SHC18A
				
Standard	IEC 60730-1			
Rated supply voltage (V)	AC 220-240			
Contact type	-	-	-	1NC OR 1NO
Switching capacity				
resistive load (A)	16	16	16	16
inductive load (A)	4			
Rated frequency (Hz)	50/60			
Full time range	7 minutes	24 minutes	20 minutes	24 hours or one week
Minimum setting unit	0.5 minutes	30 minutes	0.5 minutes	-
Electrical life (times)	10^5 times	10^5 times	10^5 times	10^5 times
Mechanical life (times)	10^7 times	10^7 times	10^7 times	10^7 times
Modules (18 mm)	1	3	1	2
Operating temperature (°C)	-5 ~ +40, max. 95 % humidity			
Storage temperature (°C)	-40 ~ +75			
Mounting	ON DIN RAIL			
Terminal size for cable (mm^2)	2.5			

Selection and ordering data

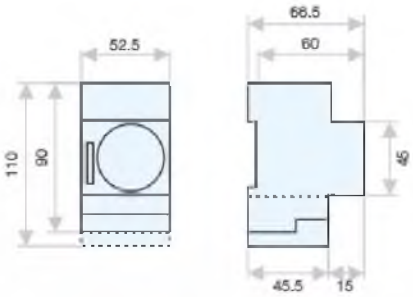
	Rated current In (A)	Full time range	Type code	Order code
3SE8	16	7 minutes	E8	**24776**
3SUL181H	16	24 hours	SUL181H	**13684**
3SRC18	16	20 minutes	ALC18	**24780**
3SHC18A	16	24 hours or one week	HC18A	**24777**

Outline and installation dimensions

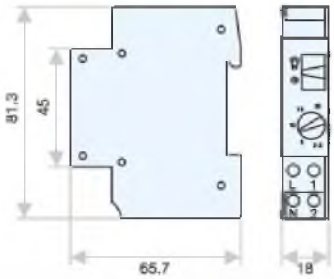
unit in mm

3SE8

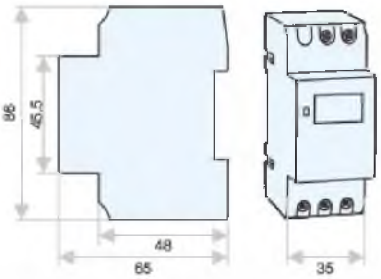
3SUL181H



3SRC18



3SHC18A



BT8, doorbell transformers

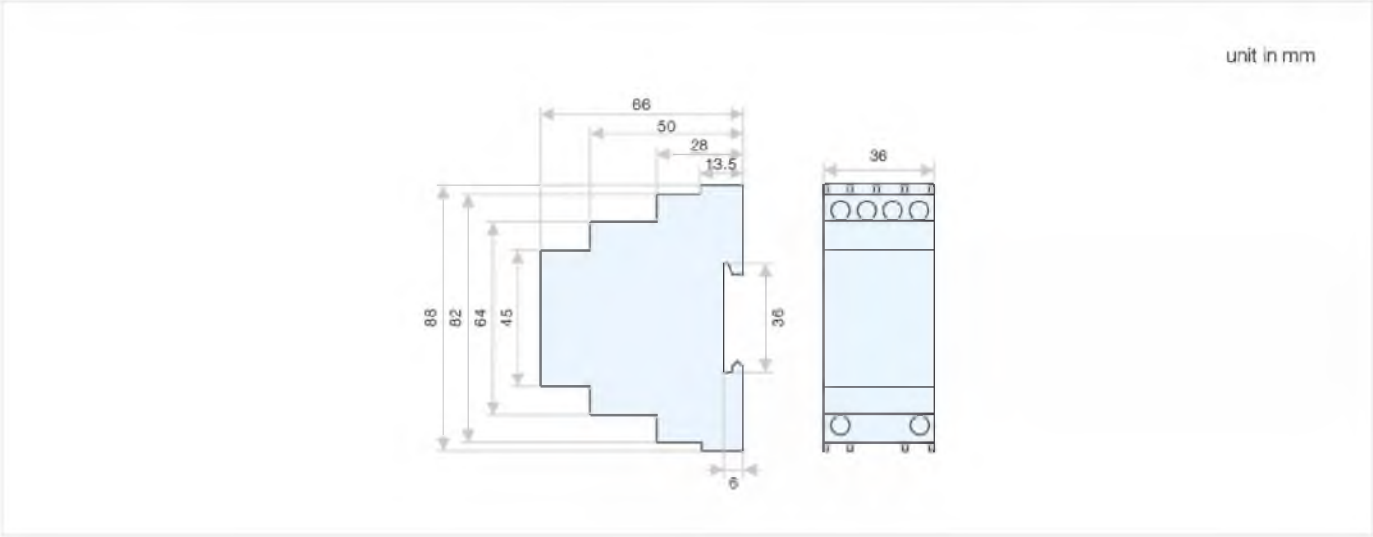
Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by external p failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

Technical Specifications

- Rated input voltage AC (V): 230
- Rated output voltage AC (V): 4, 6, 8, 12, 16, 24
- Rated frequency (Hz): 50/60
- Rated output power (VA): 6
- Consumption (W): 1.15
- Pollution class: 2

Outline and installation dimensions



Selection and ordering data

	Rated output power	Type code	Order code	Pack.
	8 VA	BT8-8	**24751**	1

PMS61, modular sockets

Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by supply failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

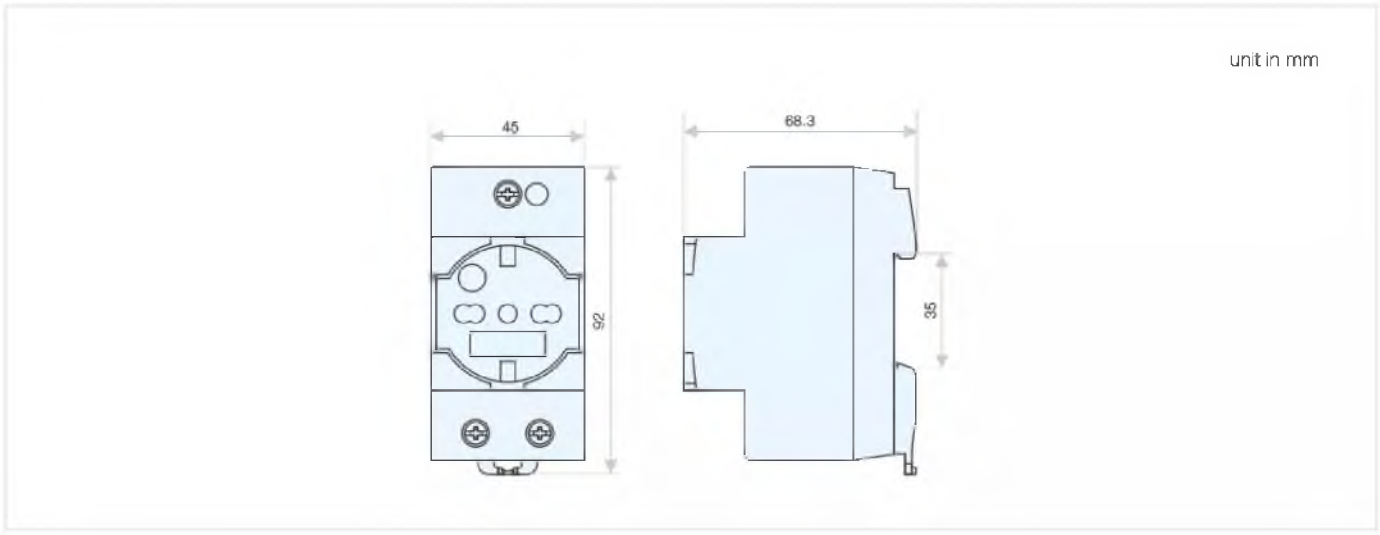
Functions

- Widely used in terminal distribution systems

Technical specifications

- Standard: IEC 60884-1
- Rated current (A): 16
- Modules: 2.5
- Rated voltage Ue (V): 230/400
- Conductor cross-sections
- Solid and stranded (mm^2): 0.75-35

Outline and installation dimensions



PCH61, modular contactors

- Remote switching and controlling of power circuits
- Used in building automation, controlling of small pumps, ventilations, heating systems, lighting systems, and so on

Technical Specifications

Type	PCH6102	PCH6106
Frame current (A)	25	63
Standards	IEC 61095	IEC 60947-4-1
Number of poles	2, 4	
Type of current	AC	
Frequency (Hz)	50/60	
Rated voltage Un (V)	230/400	
Rated current In in AC-7a / Ac1 (A)	10, 16, 20, 25	25, 32, 40, 63
Rated current In in AC-7b / Ac1 (A)	4, 5.5, 7, 8.5	8.5, 12, 15, 25
Rated power in AC3 (Kw)		
230 V	2-5	5-13
400 V	6-13	15-40
Control circuit voltage (V)	24, 230	
Mechanical life (times)	300,000	
Electrical life (times)		
AC-7a / AC1	10,000	80,000
AC-7b / AC1	50,000	40,000
Degree of protection	IP20, with connected conductors	
Conductor cross-sections		
Solid and stranded (mm^2)	2-25	
Finely stranded with end sleeve (mm^2)	2-25	
Terminals		
Terminal tightening torque (N·m)	0.8-2.4	
Ambient temperature (°C)	-5 ~ +40, max. 95 % humidity	
Storage temperature (°C)	-40 ~ +75	
Connection Capacity (mm^2)	1-25	

P6-E, pushbuttons and indicators

- The pushbuttons are used for remote control in every kind of electric installation.
- The indicator lamps signal any event in every kind of electric installation.
- P6-E may match with MCB series 3SB6-63.

Technical Specifications

- Standard: IEC 60947-5-1
- Rated voltage Ue (V): 230
- Rated current In (A): 6
- Conventional glowing current (A): 16
- Frequency (Hz): 50/60
- Modules (18 mm): 1
- Utilization category: AC14, DC13
- Degree of protection: IP20, with connected conductors
- Conductor cross-sections
- Solid and stranded (mm^2): 1-10
- Finely stranded with end sleeve (mm^2): 1-4
- Terminal tightening torque (N·m): 0.5
- Ambient temperature (°C): -5 ~ +40, max. 95% humidity
- Storage temperature (°C): -40 ~ +75
- Connection Capacity (mm^2): 1-16

BT8, doorbell transformers

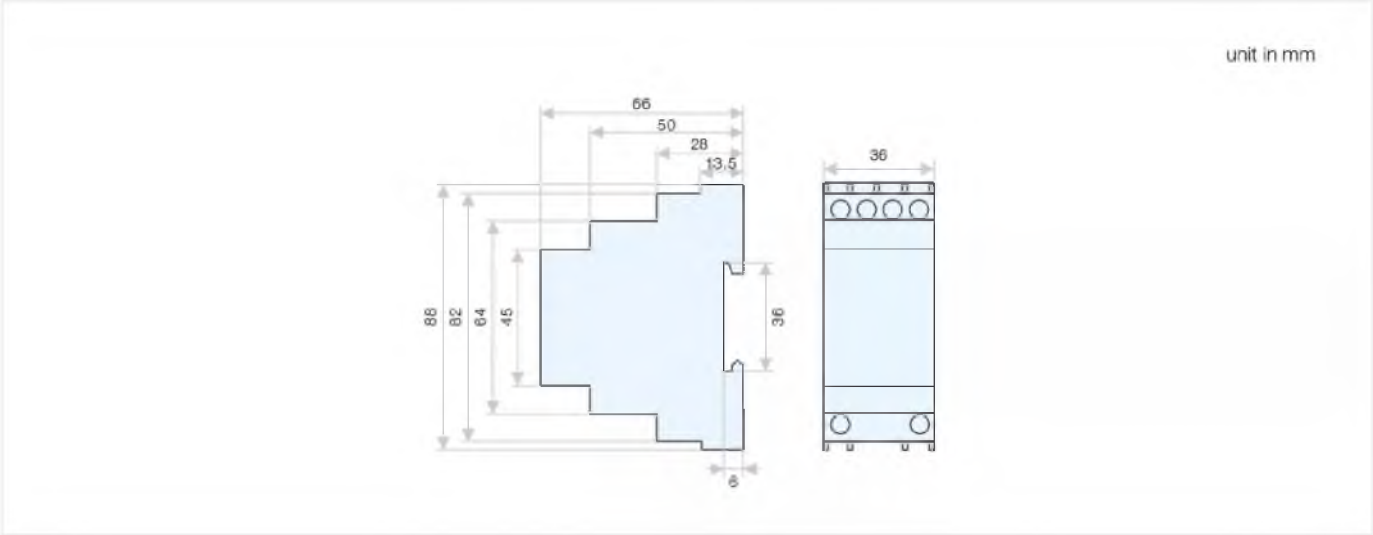
Independent power supply with build-in power source,directly draws power from the incoming end to avoid the risk of protection function failure caused by external p failure.

- Overload protection
- Short circuit protection
- Isolation
- Controlling
- Used in residential building, non-residential building, industry, energy and infrastructure

Technical Specifications

- Rated input voltage AC (V): 230
- Rated output voltage AC (V): 4, 6, 8, 12, 16, 24
- Rated frequency (Hz): 50/60
- Rated output power (VA): 6
- Consumption (W): 1.15
- Pollution class: 2

Outline and installation dimensions



Selection and ordering data

	Rated output power	Type code	Order code	Pack.
	8 VA	BT8-8	**24751**	1

3SG6, switch disconnectors

- Making and breaking under load condition
- Providing safety isolation for terminal distribution systems
- Used in residential buildings, non-residential buildings

Technical Specifications

- Standard: IEC 60947-3
- Rated current In (A): 25, 40, 63, 80, 100
- Rated voltage Un (V AC): 1P: 230/400; 2-4P: 400
- Rated insulation voltage (V AC): 500
- Number of poles (P): 1, 2, 3, 4
- Rated short-time withstand current 20 In: 1 s
- Degree of protection: IP20, with connected conductors
- Electrical endurance (Cycles): 4,000
- Mechanical endurance (Cycles): 10,000
- Fire resistance according to IEC 60695: 960 °C
- Mounting position: Any
- Busbar Connection: Pin type
- Conductor cross-sections
- Solid and stranded (mm^2): 1-35
- Finely stranded with end sleeve (mm^2): 1-25
- Terminal tightening torque (N·m): 2.5
- Ambient temperature (°C): -5 ~ +45, max. 95% humidity
- Altitude (meters): Max. 2,000

Features

- Adequate printing of all data on the front provides long term identification
- Matched with series 3SB6

VG510, switch disconnectors

- Making and breaking under load condition
- Providing safety isolation for terminal distribution system
- Used in residential building, non-residential building

Technical Specifications

- Standard: IEC 60947-3
- Rated current Ie (A): 32, 40, 63, 80, 100
- Rated voltage Ui (V AC): 230/400
- Rated insulation voltage Vi (V AC): 500
- Number of poles: 1, 2, 3, 4
- Degree of protection: IP20, with connected conductors
- Electrical life (times): 1,500
- Mechanical life (times): 8,500
- Rated short-time withstand current 12 Ie: 1 s
- Mounting position: Any
- Conductor cross-sections
- Solid and stranded (mm^2): 0.75-35
- Finely stranded with end sleeve (mm^2): 0.75-25
- Terminal tightening torque (N·m): 2.5
- Ambient temperature (℃): -25~+45, max. 95% humidity
- Storage temperature (℃): -40~+75
- Altitude Max. (meters): 2,000

Features

- The handle provides a clear indication of the contact position
- Adequate printing of all data on the front provides long-term identification
- Based the technology of MCB series 3SB1-63N, similar design to series 3SB1-63N.
- Matched with series MCB 3SB5, 3SB52, 3SB1-63N
- Full sets of accessories

VFG51, fuse switch disconnectors

- Widely used in terminal distribution system

Technical Specifications

Type	VFG5102X	VFG5103 VFG5103X	VFG5106 VFG5106X	VFG5112 VFG5112X
Standards	IEC 60269			
Fuse	8×32	10×38	14×51	22×58
Poles (P)	1	1, 2, 3	1, 2, 3	1, 2, 3
Type of current	AC			
Frequency (Hz)	50/60			
Rated voltage Un (V)	230/400			
Rated current (A)	20	32	63	125
Degree of protection	IP20			
Conductor cross-sections				
Solid and stranded (mm^2)	2-25		2.5-35	4-50
Finely stranded with end sleeve (mm^2)	2-16		2.5-25	4-35
Terminals				
Terminal tightening torque (N·m)	2.5			
Ambient temperature (°C)	-5 to +40, max. 95 % humidity			
Storage temperature (°C)	-40 ~ +75			
Connection capacity (mm^2)	1-25			

VCH51, modular contactors

- Remote switching and controlling of power circuits
- Used in building automation, controlling of small pumps, ventilations, heating systems, lighting systems, and so on

Technical Specifications

Type	VCH5102	VCH5106
Frame current (A)	25	63
Standards	IEC 61095	IEC 60947-4-1
Number of poles	2, 4	
Type of current	AC	
Frequency (Hz)	50/60	
Rated voltage Un (V)	230/400	
Rated current In in AC-7a / AC1 (A)	10, 16, 20, 25	25, 32, 40, 63
Rated current In in AC-7b / AC1 (A)	4, 5.5, 7, 8.5	8.5, 12, 15, 25
Rated power in AC3 (Kw)		
230 V	2-5	5-13
400 V	6-13	15-40
Control circuit voltage (V)	24, 230	
Mechanical life (times)	2.5	
Electrical life (times)		
AC-7a / AC1	10,000	80,000
AC-7b / AC1	50,000	40,000
Degree of protection	IP20, with connected conductors	
Conductor cross-sections		
Solid and stranded (mm^2)	2-25	
Finely stranded with end sleeve (mm^2)	2-25	
Terminals		
Terminal tightening torque (N·m)	0.8-2.4	
Ambient temperature (°C)	-5 ~ +40, max. 95 % humidity	
Storage temperature (°C)	-40 ~ +75	
Connection capacity (mm^2)	1-25	