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SASSIN

Product Configuration Sheet



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Configuration

DC series

Type	3SM8D	RT16DC	RT18DC	3SDS-PV	3SGLD	3SU6DC
Name	DC Moulded Case Circuit Breaker	Fuse	Fuse	Isolator Switch	Load Isolator Switch	SPD
Picture						
Standard	IEC 60947-2	IEC 60269-6	IEC 60269-6	IEC 60947-3	IEC 60947-3	IIEC 61643-11
Number of poles (P)	2; 3; 4	1	1; 2; 3	4	2	2; 3
Frame type	250/ 320/ 400/ 630/ 800	125; 200; 350; 500	32	32	250; 400	600; 1000
Rated current In (A)	125; 140; 160; 180; 200; 225; 250; 280; 315; 320; 350; 400; 500; 630; 700; 800	63…500	1…32	16; 25; 32	160; 200; 250; 315; 400	20-40
Rated voltage Un (V DC)	1000	1000	1000	300;600;800;1000	1000	600; 1000; 1500
Rated insulation voltage (V DC)	1000;1500	1500	1500	1500	1500	1500
Rated impulse withstand voltage(kV)	12	-	-	8	12	-
Breaking capacity Icn(kA)	20	50	20	1	10	20
Breaking capacity Ics(kA)	20	50	20	1	10	40
Thermal operating Limit (In)	1.05~1.30	-	-	-	-	-
Characteristic (In)	8~12	-	-	-	-	-
Protection functions	Overload protection; Short circuit protection	Overload protection; Short circuit protection	Overload protection; Short circuit protection	Isolation	Isolation	Handling energy from distant / indirect lightning strikes or fromswitching operations
ON/OFF indication window	√	-	-	-	√	√
U type bar		-	-	-	-	-
Accessories	Auxiliary, alarm, hand operation, electric operation	-	-	-	-	-
Degree of protection	IP20	IP20	IP20	IP20,IP65	IP20	IP20
Electrical life (times)	2000	-	-	2000	400	-
Mechanical life (times)	10000	-	-	18000	10000	-
Fire resistance	V0	V0	V0	V0	V0	V0
Solid and stranded (mm^2)		-	0.75-35	0.75-35	-	2-35
Finely stranded with end sleeve (mm^2)		-	0.75-35	0.75-35	-	2-25
Teminal tightening torque (N.m)		-	2.5	2.5	-	2.8
Ambient temperature (℃)	-40 ~ +70, max. 95 % humidity	-40 ~ +75, max. 95 % humidity	-40 ~ +80, max. 95 % humidity	-40 ~ +75, max. 95 % humidity	-25 ~ +70, max. 95 % humidity	-25 ~ +70, max. 95 % humidity
Altitude (meters)	Max. 2000	Max. 2000	Max. 2000	Max. 2000	Max. 2000	Max. 2000
Mounting stype	Fixed	Fixed	35mm Din rail	35mm Din rail	Fixed	35mm Din rail
Color of enclosure	Black	White	White	White	Black	White
Color of handle	Black	-	-	Black	Black	-
Dimension of product	180*76*126mm(L x W x H)	128*35.6*76.8mm (L x W x H)	80*60*18mm (L x W x H)	87*61*90.5mm (L x W x H)	241x170x111mm (L x W x H)	83*68*54mm (L x W x H)
Weight of product	2P: 2100g	125: 210g	1P: 67g	300g	250: 1900g	3P: 325g
Package	12pcs /carton	96pcs /carton	300pcs /carton	40pcs /carton	8pcs /carton	40pcs /carton
Dimension of package	39.5*29.5*28cm(L x W x H)	44.5*28*35cm (L x W x H)	44*24*37cm (L x W x H)	45*22*26cm (L x W x H)	50.3*39*25.9cm (L x W x H)	44.5*30.5*17cm(L x W x H)
Gross weight of package	26KG	21kg	21KG	13KG	15.5KG	14KG

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DC MCB Series

Type	VBD51	3SB56Z-63	3SB7Z-63	3SB56Z-125
Picture				
Standard	IEC 60947-2	IEC 60947-2	IEC 60947-2	IEC 60947-2
Characteristic	B,C	B,C	B,C	B,C
Number of poles (P)	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
Rated current In (A)	6,10,16,20,25,32,40,50,63	6,10,16,20,25,32,40,50,63	6,10,16,20,25,32,40,50,63	80,100,125
Rated voltage Ue (V DC)	1P: 250,2P: 500,3P: 750, 4P: 1000	1P: 300,2P: 800,3P: 900, 4P: 1200	1P: 250,2P: 500,3P: 750, 4P: 1000	1P: 250,2P: 500,3P: 750, 4P: 1000
Rated insulation voltage (V DC)	1500	1500	1500	1500
Rated insulation voltage (V)	6	6	6	5; 6
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Breaking capacity Icn(kA)	6	6	6	10
Breaking capacity Ics(kA)	6	6	6	7.5
Thermal operating Limit (In)	1.05~1.30	1.05~1.30	1.05~1.30	1.05~1.30
Characteristic B (In)	4~7	4~7	4~7	4~7
Characteristic C (In)	7~15	7~15	7~15	7~15
Protection functions	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation
ON/OFF indication window	Yes	Yes	Yes	Yes
U type bar	Yes	Yes	Yes	Yes
Accessories	Auxiliary contact;auxiliary alarm;Auxiliary contact& alarm;under voltage release; shunt release;Pushbutton and indicator lamps	Auxiliary contact;auxiliary alarm;Auxiliary contact& alarm;under voltage release; shunt release;Pushbutton and indicator lamps	Auxiliary contact;auxiliary alarm;Auxiliary contact& alarm;under voltage release; shunt release;Pushbutton and indicator lamps	Auxiliary contact;auxiliary alarm;Auxiliary contact& alarm;under voltage release; shunt release;Pushbutton and indicator lamps
Degree of protection	IP20	IP20	IP20	IP20
Electrical life (times)	6000	1000	6000	1000
Mechanical life (times)	20000	15000	20000	15000
Fire resistance	960°C	960°C	960°C	960°C
Solid and stranded (mm^2)	0.75-35	0.75-35	0.75-35	0.75-35
Finely stranded with end sleeve (mm^2)	0.75-25	0.75-25	0.75-25	0.75-25
Teminal tightening torque (N.m)	2.5	2.8	2.5	2.8
Ambient temperature(°C)	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity
Altitude (meters)	Max. 2000	Max. 2000	Max. 2000	Max. 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	White
Color of handle	Grey	Grey	Grey	Grey
Color of buckle	Grey	Grey	Grey	Grey
Dimension of product	1P:78.4*76.9*17.9mm(L x W x H)			
Weight of product	1P:96g			
Package	240 poles /carton			
Dimension of package				
Gross weight of package				
OEM				

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ACB Series

Type	3SW68	3SW8
Picture		
Standard	IEC 60947-2	IEC 60947-2
Frame type	A:1600,B:2500,C:4000,D:6300	A:2000,B:3200,C:6300
Number of poles (P)	3;4	3;4
Rated current In (A)	Size A: 200;400;630;800;1000;1250;1600 Size B: 630;800;1000;1250;1600;2000;2500 Size C: 2000;2500;2900;3200;3600;4000 Size D: 4000;5000;6300	Frame A: 400;630;800;1000;1250;1600;2000 Frame B: 2000;2500;2900;3200;4000 Frame C: 4000;5000;6300
Installation type	Fixed type; Withdrawable type	Fixed type; Withdrawable type
Short circuit breaking capacity Icu (kA)	N: Size A:65, Size B: 70, Size C: 85, Size D: 100 H: Size A: 65,Size B:85, Size C: 120, Size D: 120 S: Size D: 150	Frame A: 50;80 Frame B: 65;100 Frame C: 75;120
Rated operational voltage Ue (VAC)	400;690	400;690
Rated insulation voltage Ui (VAC)	1000	1000
Rated frequency (Hz)	50/60	50/60
Rated impulsed withstand voltage Uimp (kV)	12	12
Power-frequency withstand voltage 1min (V)	3500	3500
Neutral pole current-carrying capacity for 4-pole CBs	100% In	100% In
Breaking time (ms)	70	70
Closing time (max.) (ms)	25-30	25-30
Protection functions	Long-time delay protection;Short circuit short-time delay protection;Grounding protection;Short circuit instantaneous protection;Imbalance or open-phase protection	Overload protection;Short circuit short delay protection;Instantaneous short-circuit protection;Ground fault protection or neutral pole protection G/N
ON/OFF indication window	Yes	Yes
Safety padlock	Yes	Yes
Accessories	Under-voltage release;Shunt release;Closing electromagnet;Electric operation mechanism;Disconnecting lock device;Partition plate of the withdrawable type circuit breaker;Door frame	Under-voltage release;Shunt release;Closing electromagnet;Electric operation mechanism;Disconnecting lock device;Partition plate of the withdrawable type circuit breaker;Door frame
Degree of protection	IP20	IP20
Electrical life (times)	6500	6500
Mechanical life (times)	15000	15000
Fire resistance	V0	V0
Ambient temperature (°C)	-25～45，max.95% humidity	-5 to +40℃,max. 95% humidity
Altitude (meters)	Max. 2000	Max. 2000
Color of enclosure	Black	Black and white
Dimension of product(H*W*D)	360*248/318*310(3SW68-1600)	402*362*322(3SW8-2000)
Weight of product	2000: 53kg	2000: 68kg
Package	1 pc /carton	1 pc /carton
Dimension of package	2000: 43*53*48cm(L x W x H)	2000: 43*42*50cm(L x W x H)
Gross weight of package	2000: 65kg	2000: 78kg

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Configuration

AFDD Series

Type	3SAFB	3SAFR	3SAFN	3SAFCI	3SAFGF	3SGF
Product	Arc Fault Protection Devices	Arc Fault Protection Devices	Arc Fault Protection Devices	Arc Fault Protection Devices	Arc Fault Protection Devices	Ground Fault Devices
Picture						
Standard	IEC62606	IEC62606	IEC62606	UL1699	UL1699/943	UL943
Number of poles (P)	1P+N	1P+N	1P+N	1P	1P	1P
Type (wave form of the earth leakage sensed)	-	AC;A	AC;A	-	-	-
Rated residual currents IΔn (mA)	-	30, 100, 300	30, 100, 300	-	5	5
Rated current In (A)	6, 10, 16, 25, 32	6, 10, 16, 25, 32, 40	6, 10, 16, 25, 32	15, 20	15, 20	15, 20
Rated voltage Un (VAC)	230	230	230	120	120	120
Rated insulation voltage (VAC)	400	400	400	400	400	400
Rated frequency (Hz)	50/60	50/60	50/60	60	60	60
Making and breaking capacity Im (A)	6000	6000	6000	10000	10000	10000
Rated conditional short-circuit current	6kA	6kA	6kA	10kA	10kA	10kA
Electromagnetic type or electronic type	Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type
ON/OFF indication window	Yes	Yes	Yes	No	No	No
Busbar connection	Pin type	Pin type	Pin type	Plug-in	Plug-in	Plug-in
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20
Electrical life (times)	4000	4000	4000	4000	4000	4000
Mechanical life (times)	10000	10000	10000	10000	10000	10000
Fire resistance	960 ℃	960 ℃	960 ℃	960 ℃	960 ℃	960 ℃
Solid and stranded (mm^2)	1-35	1-35	1-35	1-35	1-35	1-35
Finely stranded with end sleeve (mm^2)	1-25	1-25	1-25	1-25	1-25	1-25
Teminal tightening torque (N.m)	2.5	2.5	2.5	2.5	2.5	2.5
Ambient temperature (℃)	-25~45， max.95% humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity
Altitude (meters)	2000	2000	2000	2000	2000	2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	Black	Black	Black
Color of handle	Grey	Grey	Grey	Grey	Grey	Grey
Color of test button	Yellow	Yellow	Yellow	Grey	Grey	Grey
Color of buckle	Grey	Grey	Grey	-	-	-

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AFDD Series

Type	3SAFB	3SAFR	3SAFN	3SAFCI	3SAFGF	3SGF
Product	Arc Fault Protection Devices	Arc Fault Protection Devices	Arc Fault Protection Devices	Arc Fault Protection Devices	Arc Fault Protection Devices	Ground Fault Devices
Picture						
Standard	IEC62606	IEC62606	IEC62606	UL1699	UL1699/943	UL943
Number of poles (P)	1P+N	1P+N	1P+N	1P	1P	1P
Type (wave form of the earth leakage sensed)	-	AC;A	AC;A	-	-	-
Rated residual currents IΔn (mA)	-	30, 100, 300	30, 100, 300	-	5	5
Rated current In (A)	6, 10, 16, 25, 32	6, 10, 16, 25, 32, 40	6, 10, 16, 25, 32	15, 20	15, 20	15, 20
Rated voltage Un (VAC)	230	230	230	120	120	120
Rated insulation voltage (VAC)	400	400	400	400	400	400
Rated frequency (Hz)	50/60	50/60	50/60	60	60	60
Making and breaking capacity Im (A)	6000	6000	6000	10000	10000	10000
Rated conditional short-circuit current	6kA	6kA	6kA	10kA	10kA	10kA
Electromagnetic type or electronic type	Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type
ON/OFF indication window	Yes	Yes	Yes	No	No	No
Busbar connection	Pin type	Pin type	Pin type	Plug-in	Plug-in	Plug-in
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20
Electrical life (times)	4000	4000	4000	4000	4000	4000
Mechanical life (times)	10000	10000	10000	10000	10000	10000
Fire resistance	960 ℃	960 ℃	960 ℃	960 ℃	960 ℃	960 ℃
Solid and stranded (mm^2)	1-35	1-35	1-35	1-35	1-35	1-35
Finely stranded with end sleeve (mm^2)	1-25	1-25	1-25	1-25	1-25	1-25
Teminal tightening torque (N.m)	2.5	2.5	2.5	2.5	2.5	2.5
Ambient temperature (℃)	-25～45， max.95% humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity
Altitude (meters)	2000	2000	2000	2000	2000	2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	Black	Black	Black
Color of handle	Grey	Grey	Grey	Grey	Grey	Grey
Color of test button	Yellow	Yellow	Yellow	Grey	Grey	Grey
Color of buckle	Grey	Grey	Grey	-	-	-
Dimension of product	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx
Weight of product	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx

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Distribution Box Series

Type	3SD5	3SD6	3SD5T	3SD8	VD51MS	3SHA	3SHT	3SD8N
Picture								
Standard	IEC 61439-3	IEC 61439-3	IEC 61439-3	IEC 61439-3	IEC 61439-3	IEC 61439-3	IEC 61439-3	IEC 61439-3
Modules (No.)	4, 6, 8, 12, 18, 24, 36	4, 6, 8, 12, 18, 24, 36	4, 6, 8, 12, 18, 24, 36	4,7,10,13,16,21	4, 6, 8, 12, 18, 24, 36	4,8,12,18,24	2,3,5,8,12,15,18,24	1,2,4
Door color	Transparent, non transparent	Transparent, non transparent	Transparent, non transparent	non transparent	Transparent, non transparent	Transparent	Transparent	Transparent, non transparent
Degree of protection	IP30	IP30	IP40	IP 2XC	IP30	IP65	IP65	IP30
Rated frame current In (A)	63, 100	63, 100	63, 100	63, 100	63, 100	63	63	63
Material	HIPS for body,SAN for door (4-18 modules),PC for door (24 & 36 modules)	HIPS for body,SAN for door (4-18 modules),PC for door (24 & 36 modules)	HIPS for body, SAN for door, Metal for base	HIPS for body, SAN for door,	Metal	ABS for body PC for door	ABS for body PC for door	HIPS
Mounting type	Flush	Surface	Flush	Surface	Surface	Surface	Surface	Surface
Base color	White	White	White or grey	White	White	White	White	White
Single row	for 4, 6, 8, 12, 18 modules	for 4, 6, 8, 12, 18 modules	Single row	Single row	Single row	for 4, 6, 8, 12, 18 modules	for 4, 6, 8, 12, 18 modules	Single row
2 rows	for 24 modules	for 24 modules	Single row	Single row	Single row	for 24 modules	for 24 modules	Single row
3 rows	for 36 modules	for 36 modules	Single row	Single row	Single row	-	-	Single row
Busbar	with or without	with or without	with or without	with or without	with or without	without	without	without
Terminal customized	Yes	Yes	Yes	Yes	Yes	No	No	No
Fire resistence	650 °C / 30 s	650 °C / 30 s	650 °C / 30 s	650 °C / 30 s	650 °C / 30 s	650 °C / 30 s	650 °C / 30 s	650 °C / 30 s
Ambient temperature (°C)	-5 ~ +40, max. 95 % humidity							
Storage temperature (°C)	-40 ~ +75							
Dimension of product	12W: 279*221*90mm (L x W x H)	12W: 255*199*95mm (L x W x H)	12W: 279*221*90mm (L x W x H)	16W: 354*225*110mm (L x W x H)	18W: 380*255*124mm (L x W x H)	12W: 279*195*110mm (L x W x H)	12W: 250*195*110mm (L x W x H)	1P: 36*130*612mm (L x W x H)
Weight of product	12W: 610g	12W: 727g	12W: 1451g	16W: 1058g	18W: 3650g	12W: 1078g	12W: 1050g	1P: 56g
Package	12W: 8pcs /carton	12W: 8pcs /carton	12W: 8pcs /carton	16W: 8pcs /carton	18W: 4pcs /carton	12W: 16pcs /carton	12W: 16pcs /carton	1P: 250pcs /carton
Dimension of package	12W: 42*31*49cm (L x W x H)	12W: 40.5*31.5*49cm (L x W x H)	12W: 45*31*48cm (L x W x H)	16W: 36*46*45cm (L x W x H)	18W: 39*27*50cm (L x W x H)	12W: 64*33*31.5cm (L x W x H)	12W: 61*42.5* 33.5cm(L x W x H)	1P: 44*35*33cm (L x W x H)
Gross weight of package	12W: 7.5kg	12W: 7.5kg	12W: 13.5kg	16W: 8.9kg	18W: 15kg	12W: 19kg	12W: 19kg	1P: 17kg

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Isolation Series

Type	3SB71G-125	3SG6	VG51
Picture			
Standard	IEC 60947-3	IEC 60947-3	IEC 60947-3
Number of poles (P)	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P
Rated current In (A)	25, 32, 63, 100, 125	25, 40, 63, 80, 100	25, 32, 40, 63, 80, 100
Rated voltage Un (V) AC	230/400	230/400	230/400
Rated insulation voltage (V)	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60
Rated short-time withstand current Icw(A)	20 In: 1 s	20 In: 1 s	12 Ie: 1 s
ON/OFF indication window	Yes	Yes	Yes
U type bar	Yes	-	-
Accessories	-	-	-
Degree of protection	IP20	IP20	IP20
Electrical life (times)	10000	4000	4000
Mechanical life (times)	20000	10000	10000
Fire resistance	960 ℃	960 ℃	960 ℃
Solid and stranded (mm^2)	0.75-35	1-35	0.75-35
Finely stranded with end sleeve (mm^2)	0.75-25	1-25	0.75-25
Teminal tightening torque (N.m)	2-2.5	2.5	2.5
Ambient temperature (℃)	-25～45，max.95% humidity	- 5～45,max.95% humidity	-25～45，max.95% humidity
Altitude (meters)	Max. 2000	Max. 2000	Max. 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White
Color of handle	Red	Red	Red
Color of buckle	Grey/white	Grey	Grey
Dimension of product	1P:90*71*18mm(L x W x H)	1P:84*77*18mm(L x W x H)	1P:80*70.1*18mm(L x W x H)
Weight of product	1P:82g	1P:80g	1P:71g
Package	180 poles /carton	240 poles /carton	240 poles /carton
Dimension of package	50*23.5*34cm(L x W x H)	44.5*24*34cm(L x W x H)	43*24*34cm(L x W x H)
Gross weight of package	22kg	24kg	22kg

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Configuration

DPN Series

Type	3SB66	VBN515
Picture		
Standard	IEC 60898-1	IEC 60898-1
Characteristic	B;C	B;C
Number of poles (P)	1P+N	1P+N
Rated current In (A)	6,10,16,20,25, 32,40	6, 10, 16, 20, 25, 32, 40
Rated voltage Un (V) AC	230	230
Rated insulation voltage (V)	500	500
Rated frequency (Hz)	50/60	50/60
Breaking capacity Icn	6kA	6kA
Breaking capacity Ics	6kA	6kA
Thermal operating Limit (In)	1.13 - 1.45	1.13 - 1.45
Characteristic B (In)	3～5	3～5
Characteristic C (In)	5～10	5～10
Characteristic D (In)	-	-
Protection functions	overload;short cuircuit; isolation	overload;short cuircuit; isolation
U type bar with upstream connection		
U type bar with downstream connection		
ON/OFF indication window	√	√
Accessories	No	No
Degree of protection	IP20	IP20
Electrical life (times)	6000	6000
Mechanical life (times)	20000	20000
Fire resistance	960°C	960°C
Solid and stranded (mm^2)	0.75-16	0.75-16
Finely stranded with end sleeve (mm^2)	0.75-16	0.75-16
Teminal tightening torque (N.m)	2.0	2.0
Ambient temperature (°C)	-25～45, max.95% humidity	-25～45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail
Color of enclosure	White	White
Color of handle	Grey	Grey
Color of buckle	white;grey	white;grey
Dimension of product	1P:92*78*18mm (L x W x H)	1P:82*77*18mm (L x W x H)
Weight of product	1P:126g	1P:106g
Package	180 poles /carton	180 poles /carton
Dimension of package	50*23.5*34cm (L x W x H)	43*24*34cm (L x W x H)
Gross weight of package	24kg	21kg

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Configuration

MCB Series

Type	3SB71-63	3SB71-125	3SB6-63	3SB6H	VB510	3SB1-125	3SB56
Picture							
Standard	IEC60898-1 IEC60947-2	IEC60947-2	IEC60898-1, IEC60947-2	IEC60898-1, IEC60947-2	IEC60898-1, IEC60947-2	IEC 60947-2	IEC 60898-1
Characteristic	B; C; D	C; D	B; C; D	B; C; D	B; C; D	C; D	B; C; D
Number of poles (P)	1, 1P+N, 2, 3, 3P+N, 4	1, 2, 3, 4	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	1, 2, 3, 4, 1P+N, 3P+N	1, 2, 3, 4	1, 2, 3, 4, 1P+N, 3P+N
Rated current In (A)	0.5, 1, 1.5, 2, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63	80, 100, 125	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 80, 100	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 70, 80, 100	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	63, 70, 80, 100, 125	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63
Rated voltage Un (V) AC	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Rated insulation voltage (V)	500	500	500	500	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Breaking capacity Icn	10kA (IEC60898-1) 15kA (IEC60947-2)	10kA (IEC60947-2)	6kA	10kA(IEC/EN 60898-1)	6kA	6kA	4.5；6；10kA
Breaking capacity Ics	7.5kA	7.5kA	6kA	7.5kA	6kA	6kA	4.5；6；10kA
Thermal operating Limit (In)	1.13-1.45In (IEC60898-1) 1.05-1.30In (IEC60947-2)	1.05-1.30	1.13-1.45	1.13-1.45In(IEC60898-1) 1.05-1.30In(IEC60947-2)	1.13 - 1.45	1.05 - 1.30	1.13 - 1.45
Characteristic B (In)	3～5 (IEC60898-1)	4	3～5	4	3～5	4	3～5
Characteristic C (In)	5～10 (IEC60898-1) 8 (IEC60947-2)	6	5～10	8	5～10	6	5～10
Characteristic D (In)	10～20 (IEC60898-1) 12 (IEC60947-2)	10	10～20	12	10～20	10	10～20
Protection functions	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload;short cuircuit;isolation	overload; short cuircuit; isolation
U type bar with upstream connection	√	√					
U type bar with downstream connection	√	√					
ON/OFF indication window	√	√	√	√	√	√	√
Accessories	Auxiliary contact; auxiliary alarm; Auxiliary contact&alarm; under voltage release; shunt release;Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contac t&alarm; under voltage release; shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact&alarm; under voltage release; shunt release	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Electrical life (times)	10000	4000	6000	6000	6000	4000	10000
Mechanical life (times)	20000	20000	20000	20000	20000	20000	20000
Fire resistance	960℃	960℃	960℃	960℃	960℃	960℃	960℃
Solid and stranded (mm^2)	0.75-35	1-50	1~25	1-35	1-35	1-50	1-35
Finely stranded with end sleeve (mm^2)	0.75-25	1-35	1~16	1~16	1~16	1-35	1-16
Teminal tightening torque (N.m)	2.8	2.8	2.5	2.5	2.5	3.5	2.5
Ambient temperature (℃)	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	White	White	White	White
Color of handle	Grey	Grey	Grey	Grey	Grey	Grey	Grey
Color of buckle	white;grey	white;grey	grey	Grey	Grey	white	Grey
Dimension of product	1P:92*78*18mm (L x W x H)	1P:94*78*27mm (L x W x H)	1P:84*77*18mm (L x W x H)	1P:80.8*75.8*17.7mm (L x W x H)	1P:78.5*76*17.8mm (L x W x H)	1P:81*77*27mm (L x W x H)	1P:82*76*17.8mm (L x W x H)
Weight of product	1P:111g	1P:196g	1P:96g	1P:115g	1P:88g	1P:149g	1P:92g
Package	180 poles /carton	120 poles /carton	240 poles /carton	240 poles /carton	240 poles /carton	180 poles /carton	240 poles /carton
Dimension of package	50*23.5*34cm (L x W x H)	50*23.5*34cm (L x W x H)	44.5*24*34cm (L x W x H)	44.5*24*34cm (L x W x H)	43*24*34cm (L x W x H)	43*24*34cm (L x W x H)	44.5*24*34cm (L x W x H)
Gross weight of package	21kg	26kg	25kg	29kg	22kg	28kg	24kg

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Configuration

MCB Series

Type	3SB5-63	3SB9	3SB1-63	3SB1-63N	3SB52	3SB66	VBN515
Picture							
Standard	IEC 60898-1	IEC 60898-1	IEC 60898-1	IEC 60898-1	IEC 60898-1	IEC 60898-1	IEC 60898-1
Characteristic	B;C;D	B;C;D	B;C;D	B;C;D	B;C;D	B;C	B;C
Number of poles (P)	1, 2, 3, 4, 1P+N, 3P+N	1, 2, 3, 4, 1P+N, 3P+N	1, 2, 3, 4, 1P+N, 3P+N	1, 2, 3, 4, 1P+N, 3P+N	1, 2, 3, 4, 1P+N, 3P+N	1P+N	1P+N
Rated current In (A)	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	6,10,16,20,25, 32,40	6, 10, 16, 20, 25, 32, 40
Rated voltage Un (V) AC	230/400	230/400	230/400	230/400	230/400	230	230
Rated insulation voltage (V)	500	500	500	500	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Breaking capacity Icn	6KA	6kA	4.5kA(50-63A); 6kA(1-40A)	4.5kA(50-63A); 6kA(1-40A)	4.5kA(50-63A); 6kA(1-40A)	6kA	6kA
Breaking capacity Ics	6KA	6kA	4.5kA(50-63A); 6kA(1-40A)	4.5kA(50-63A); 6kA(1-40A)	4.5kA(50-63A); 6kA(1-40A)	6kA	6kA
Thermal operating Limit (In)	1.13 - 1.45	1.13 - 1.45	1.13 - 1.45	1.13 - 1.45	1.13 - 1.45	1.13 - 1.45	1.13 - 1.45
Characteristic B (In)	3～5	3～5	3～5	3～5	3～5	3～5	3～5
Characteristic C (In)	5～10	5～10	5～10	5～10	5～10	5～10	5～10
Characteristic D (In)	10～20	10～20	10～20	10～20	10～20	-	-
Protection functions	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation	overload;short cuircuit; isolation
U type bar with upstream connection				√			
U type bar with downstream connection				√			
ON/OFF indication window	√	-	-	-	√	√	√
Accessories	Auxiliary contact; auxiliary alarm; Auxiliary contact &alarm;under voltage release; shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release	No	No
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Electrical life (times)	6000	6000	6000	6000	6000	6000	6000
Mechanical life (times)	20000	20000	20000	20000	20000	20000	20000
Fire resistance	960°C	960°C	960°C	960°C	960°C	960°C	960°C
Solid and stranded (mm^2)	0.75-35	0.75-35	0.75-35	0.75-35	0.75-35	0.75-16	0.75-16
Finely stranded with end sleeve (mm^2)	0.75-25	0.75-25	0.75-25	0.75-25	0.75-25	0.75-16	0.75-16
Teminal tightening torque (N.m)	2.5	2.5	2.5	2.5	2.5	2.0	2.0
Ambient temperature (°C)	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	White	White	White	White
Color of handle	Grey	Blue	Grey;bule	Grey;bule	Grey	Grey	Grey
Color of buckle	white	Grey	white;grey	white;grey	white;grey	white;grey	white;grey
Dimension of product	1P:83*80*17.8mm (L x W x H)	1P:78.5*77*17.8mm (L x W x H)	1P:83*73.5*18mm (L x W x H)	1P:83*73.5*18mm (L x W x H)	1P:84.3*76.5*18mm (L x W x H)	1P:92*78*18mm (L x W x H)	1P:82*77*18mm (L x W x H)
Weight of product	1P:104g	1P:92g	1P:85g	1P:101g	1P:95g	1P:126g	1P:106g
Package	240 poles /carton	240 poles /carton	240 poles /carton	240 poles /carton	240 poles /carton	180 poles /carton	180 poles /carton
Dimension of package	43*24*34cm (L x W x H)	43*24*34cm (L x W x H)	43*24*34cm (L x W x H)	43*24*34cm (L x W x H)	44.5*24*34cm (L x W x H)	50*23.5*34cm (L x W x H)	43*24*34cm (L x W x H)
Gross weight of package	26kg	24kg	22kg	26kg	24kg	24kg	21kg

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Configuration

MCB Series

Type	3SB71-63	3SB71-125	3SB6-63	3SB6H	VB510	3SB1-125	3SB56
Picture							
Standard	IEC60898-1 IEC60947-2	IEC60947-2	IEC60898-1, IEC60947-2	IEC60898-1, IEC60947-2	IEC60898-1, IEC60947-2	IEC 60947-2	IEC 60898-1
Characteristic	B; C; D	C; D	B; C; D	B; C; D	B; C; D	C; D	B; C; D
Number of poles (P)	1, 1P+N, 2, 3, 3P+N, 4	1, 2, 3, 4	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	1, 2, 3, 4, 1P+N, 3P+N	1, 2, 3, 4	1, 2, 3, 4, 1P+N, 3P+N
Rated current In (A)	0.5, 1, 1.5, 2, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63	80, 100, 125	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 80, 100	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 70, 80, 100	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63	63, 70, 80, 100, 125	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63
Rated voltage Un (V) AC	230/400	230/400	230/400	230/400	230/400	230/400	230/400
Rated insulation voltage (V)	500	500	500	500	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Breaking capacity Icn	10kA (IEC60898-1) 15kA (IEC60947-2)	10kA (IEC60947-2)	6kA	10kA(IEC/EN 60898-1)	6kA	6kA	4.5；6；10kA
Breaking capacity Ics	7.5kA	7.5kA	6kA	7.5kA	6kA	6kA	4.5；6；10kA
Thermal operating Limit (In)	1.13-1.45In (IEC60898-1) 1.05-1.30In (IEC60947-2)	1.05-1.30	1.13-1.45	1.13-1.45In(IEC60898-1) 1.05-1.30In(IEC60947-2)	1.13 - 1.45	1.05 - 1.30	1.13 - 1.45
Characteristic B (In)	3～5 (IEC60898-1)	4	3～5	4	3～5	4	3～5
Characteristic C (In)	5～10 (IEC60898-1) 8 (IEC60947-2)	6	5～10	8	5～10	6	5～10
Characteristic D (In)	10～20 (IEC60898-1) 12 (IEC60947-2)	10	10～20	12	10～20	10	10～20
Protection functions	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload; short cuircuit; isolation	overload;short cuircuit;isolation	overload; short cuircuit; isolation
U type bar with upstream connection	√	√					
U type bar with downstream connection	√	√					
ON/OFF indication window	√	√	√	√	√	√	√
Accessories	Auxiliary contact; auxiliary alarm; Auxiliary contact&alarm; under voltage release; shunt release;Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contac t&alarm; under voltage release; shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release; Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact&alarm; under voltage release; shunt release	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release	Auxiliary contact; auxiliary alarm; Auxiliary contact& alarm;under voltage release;shunt release
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Electrical life (times)	10000	4000	6000	6000	6000	4000	10000
Mechanical life (times)	20000	20000	20000	20000	20000	20000	20000
Fire resistance	960℃	960℃	960℃	960℃	960℃	960℃	960℃
Solid and stranded (mm^2)	0.75-35	1-50	1~25	1-35	1-35	1-50	1-35
Finely stranded with end sleeve (mm^2)	0.75-25	1-35	1~16	1~16	1~16	1-35	1-16
Teminal tightening torque (N.m)	2.8	2.8	2.5	2.5	2.5	3.5	2.5
Ambient temperature (℃)	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	White	White	White	White
Color of handle	Grey	Grey	Grey	Grey	Grey	Grey	Grey
Color of buckle	white;grey	white;grey	grey	Grey	Grey	white	Grey
Dimension of product	1P:92*78*18mm (L x W x H)	1P:94*78*27mm (L x W x H)	1P:84*77*18mm (L x W x H)	1P:80.8*75.8*17.7mm (L x W x H)	1P:78.5*76*17.8mm (L x W x H)	1P:81*77*27mm (L x W x H)	1P:82*76*17.8mm (L x W x H)
Weight of product	1P:111g	1P:196g	1P:96g	1P:115g	1P:88g	1P:149g	1P:92g
Package	180 poles /carton	120 poles /carton	240 poles /carton	240 poles /carton	240 poles /carton	180 poles /carton	240 poles /carton
Dimension of package	50*23.5*34cm (L x W x H)	50*23.5*34cm (L x W x H)	44.5*24*34cm (L x W x H)	44.5*24*34cm (L x W x H)	43*24*34cm (L x W x H)	43*24*34cm (L x W x H)	44.5*24*34cm (L x W x H)
Gross weight of package	21kg	26kg	25kg	29kg	22kg	28kg	24kg

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MCCB Series

Type	3SM29	3SM8	3SM28	3SM7	3SM8E	3SM8L
Picture						
Standard	IEC 60947-2	IEC 60947-2	IEC 60947-2	IEC 60947-2	IEC 60947-2;IEC 60947-4-1	IEC 60947-2;IEC 60947-4-1
Frame type	125;160;250;400;630;800;1250;1600	63/100/225/400/630/800	100/160/250/400/630/1250/1600	63/100/125/160/250/400/630/800/1250	125/250/400/630/800/1600	100/225/400/630
Number of poles (P)	3;4	1;2;3;4	3;4	3;4	3;4	3;4
Rated current In (A)	16~1600	10-800	12.5-1600	10-800	16-1600	16-630
Protection type	Distribution protection type;Motor protection type	Distribution protection type;Motor protection type	Distribution protection type;Motor protection type	Distribution protection type;Motor protection type	Distribution protection type;Motor protection type	Distribution protection type; Motor protection type
Rated residual current (mA)	-	-	-	-	-	100/300/500/1000
Short circuit breaking capacity Icu (kA) AC 50-60Hz 400V O-CO	3SM29-125::20/35 3SM29-160::20/35/50 3SM29-250-800:35/50/65 3SM29-1250-1600:50/65/85	3SM8-63:25/50 3SM8-100:35/50/85 3SM8-225:35/50/85 3SM8-400:50/65/100 3SM8-630:50/65/100 3SM8-800:65/100	3SM28-100:50/85/100 3SM28-160:50/85/100 3SM28-250:50/85/100 3SM28-400:50/85/100 3SM28-630:50/85/100 3SM28-1250-1600:50/85	3SM7-125:25/35 3SM7-160:35/50 3SM7-250:35/50 3SM7-630:35/50/75 3SM7-1250:50/75	3SM8E-125:50/85 3SM8E-250:50/85 3SM8E-400:65/100 3SM8E-630:65/100 3SM8F-800:65/100 3SM8E-1600:80	3SM8L-100:50 3SM8L-225:50 3SM8L-400:65 3SM8L-630:65
AC 50-60Hz 690V O-CO	Type A:15/20 Type B:16/25/35	20	3SM28-100:10 3SM28-160:10 3SM28-250:10 3SM28-400:15 3SM28-630:15 3SM28-1250/1600:15	-	-	-
Rated operating voltage, Ue (V)	400/690	400/690	400/690	400/690	400	400
Rated insulation voltage (VAC)	800	800	800	800	800	800
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated impulsed withstand voltage, Uimp (kV)	8	6/8	8	8	8	8
Flashover distance (mm)	≤30	≤50	0	≤50	≤50	≤50
Trip unit type	Thermal Magnetic/ Electronic	Thermal Magnetic	Thermal Magnetic/ Electronic	Thermal Magnetic	Electronic	Thermal Magnetic
Protection functions	Short circuit protection; Overload protection; System protection; Motor protection	Short circuit protection; Overload protection; System protection; Motor protection	three-stage protection; under-voltage protection	Short circuit protection; Overload protection; System protection; Motor protection	Protection of cables,leads and non-motor loads; protection for motors, transformers and capacitors	Earth Leakage protection; Ground-fault protection
ON/OFF indication window	Yes	Yes	Yes	Yes	Yes	Yes
Accessories	Shunt release;Auxiliary contact;Alarm contact; Under-voltage release; Two-sets Auxiliary Contact Alarm Contact	Under-voltage release; Shunt release;Auxiliary contact;Alarm contact	MX;Shunt release;MU; Under-voltage release; Auxiliary contact (AX); Alarm contact(AL); Residual current protection module;Electric operating mechanism;Extended economical rotary handle; Direct rotary handle;outer connection plate;	Shunt release;Auxiliary contact;Alarm contact; Under-voltage release; Two-sets Auxiliary Contact Alarm Contact	Under-voltage release; Shunt release;Auxiliary contact;Alarm contact	Under-voltage release; Shunt release;Auxiliary contact;Alarm contact
Degree of protection	IP30/IP40	IP20	IP20	IP20	IP20	IP20
Electrical life (times)	1500	1500	10000	3000	3000	1500
Mechanical life (times)	8500	8000	20000	7000	7000	8500
Fire resistance	V0	V0	V0	V0	V0	V0
Ambient temperature (°C)	-5~+40℃, max.95% humidity	-5~+40℃, max.95% humidity	-40±2℃	-5~+40℃	-	-5~+40℃, max.95% humidity
Altitude (meters)	Max.2000	Max.2000	Max.2000	Max.2000	Max.2000	Max.2000
Color of enclosure	Black and White	Grey	Black	Black	White	White
Color of handle	White	Black	Black	Black	Black	Black
Dimension of product (L*W*H) mm	120*76/101*70mm (3SM29-125)	135*76102.5*81 (3SM8-63M)	161*105/140*86 (3SM28-100)	165*105*94 (3SM7-250)	150*92/122*109.4 (3SM8E-100)	150*92/122*110 (3SM8L-100)
Weight of product	250: 2198g	250: 2133g	100: 1181g	250: 1975g	225: 1925g	100: 1608g
Package	250:8pcs /carton	250:8pcs /carton	100:16pcs /carton	250:12pcs /carton	225:12pcs /carton	100:16pcs /carton
Dimension of package	45*29.5*21cm(L x W x H)	49.5*34.5*23.5cm (L x W x H)	36*35*30cm(L x W x H)	36*31*24cm(L x W x H)	45*37.5*26.5cm (L x W x H)	49.5*34.5*23.5cm (L x W x H)
Gross weight of package	20kg	20kg	22kg	20.8kg	26.2kg	28.8kg

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Configuration

RCBO Series

Type	VRBNC515E	VRBNC515E	3SLB5M	VRB515E
Picture				
Standard	IEC 61009-1	IEC 61009-1	IEC 61009-1	IEC 61009-1
Characteristic	B, C	B, C	B, C	B, C, D
Number of poles (P)	1P+N	1P+N	1P+N, 3P+N	1P+N, 3P+N
Rated residual currents IΔn (mA)	30, 100, 300	30	10, 30, 100, 300	30, 100, 300
Type (wave form of the earth leakage sensed)	AC; A	AC; A	AC; A; B	AC; A
Rated current In (A)	6, 10, 16, 20, 25, 32, 40, 45	6, 10, 16, 20, 25, 32, 40, 50	6, 10, 16, 20, 25, 32, 40, 50, 63	6, 10, 16, 20, 25, 32, 40, 50, 63, 80
Rated voltage Un (V) AC	230	230	230/400	230/400
Rated insulation voltage (VAC)	500	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Tripping time type	-	-	-	-
Rated breaking capacity Icn (kA)	6	6	6; 10	6
Rated residual breaking capacity IΔm (kA)	6	3	6; 10	6
Rated impulse withstand voltage	4KV	4KV	4KV	4KV
Characteristic B (In)	3~5	3~5	3~5	3~5
Characteristic C (In)	5~10	5~10	5~10	5~10
Characteristic D (In)	-	-	-	10~20
Electromagnetic type or electronic type	Electronic type	Electronic type	Electronic type	Electronic type
U type bar with upstream connection			√	
U type bar with downstream connection			√	
ON/OFF indication window	√	√	√	√
Accessories	-	-	-	-
Degree of protection	IP20	IP20	IP20	IP20
Electrical life (times)	10000	4000	4000	10000
Mechanical life (times)	20000	10000	10000	20000
Fire resistance	960 ℃	960 ℃	960 ℃	960 ℃
Dielectric test voltage	2KV	2KV	2KV	2KV
Surge current resistance	(wave 8/20) (A): 3000	(wave 8/20) (A): 3000	(wave 8/20) (A): 3000	(wave 8/20) (A): 3000
Solid and stranded (mm^2)	0.75-10	0.75-25	0.75-35	0.75-35
Finely stranded with end sleeve (mm^2)	0.75-10	0.75-16	0.75-16	0.75-25
Teminal tightening torque (N.m)	2	2	2.8	2.5
Ambient temperature (℃)	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity
Altitude (meters)	Max. 2000	Max. 2000	Max. 2000	Max. 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	White
Color of handle	Grey	Grey	Grey	Grey
Color of buckle	Grey	Grey	Grey	Grey
Dimension of product	1P+N:82*77*18mm (L x W x H)	1P+N:123*49.6*17.8mm (L x W x H)	1P+N:83*78*35mm (L x W x H)	1P+N:100*77*71.6mm (L x W x H)
Weight of product	118g	172g	196g	1P+N:178g
Package	120pcs /carton	150pcs /carton	60pcs /carton	1P+N: 80pcs /carton
Dimension of package	50*23.5*25.5cm(L x W x H)	50*23.5*34cm(L x W x H)	44*21*29cm(L x W x H)	1P+N:41*21*29cm(L x W x H)
Gross weight of package	17kg	28kg	145kg	1P+N:16kg

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RCBO Series

Type	3SL71N-40	3SB71LN	3SB71LB
Picture			
Standard	IEC 61009-1	IEC 61009-1	IEC 61009-1
Characteristic	B, C	B, C, D	B,C,D
Number of poles (P)	1P+N	2, 3, 4	1P+N, 2P+N, 3P+N
Rated residual currents IΔn (mA)	30, 100, 300	30, 100, 300	10, 30, 100, 300
Type (wave form of the earth leakage sensed)	AC;A	AC;A	AC;A
Rated current In (A)	6, 10, 16, 20, 25, 32, 40	6, 10, 16, 20, 25, 32, 40	10, 16, 25, 40, 63, 80, 100
Rated voltage Un (V) AC	230	230/400	230/400
Rated insulation voltage (VAC)	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60
Tripping time type			instantaneous, selectivity S
Rated breaking capacity Icn (kA)	6	10	10
Rated residual breaking capacity IΔm (kA)	6	6	10
Rated impulse withstand voltage	(1.2/50) Uimp (kV): 4	(1.2/50) Uimp (kV): 4	(1.2/50) Uimp (kV): 4
Characteristic B (In)	3~5	3~5	3~5
Characteristic C (In)	5~10	5~10	5~10
Characteristic D (In)	*	10 ~ 14	-
Electromagnetic type or electronic type	Electromagnetic type	Electromagnetic type	Electromagnetic type
U type bar with upstream connection	√	√	√
U type bar with downstream connection	√	√	√
ON/OFF indication window	√	√	√
Accessories	Auxiliary contact; auxiliary alarm; Auxiliary contact&alarm; under voltage release; shunt release;Pushbutton and indicator lamps	Auxiliary contact; auxiliary alarm; Auxiliary contact&alarm; under voltage release; shunt release;Pushbutton and indicator lamps	-
Degree of protection	IP20	IP20	IP20
Electrical life (times)	4000	4000	4000
Mechanical life (times)	10000	10000	10000
Fire resistance	960 ℃	960 ℃	960 ℃
Dielectric test voltage	at ind. freq. for 1 min. (kV): 2.5	at ind. freq. for 1 min. (kV): 2.5	2KV
Surge current resistance	(wave 8/20) (A): 3000	(wave 8/20) (A): 3000	(wave 8/20) (A): 3000
Solid and stranded (mm^2)	0.75-35	0.75-35	1-35
Finely stranded with end sleeve (mm^2)	0.75-25	0.75-25	1-25
Teminal tightening torque (N.m)	2.8	2.5	2.5
Ambient temperature (℃)	-25 ~ +45, max. 95 % humidity	-25 ~ +45, max. 95 % humidity	-5 ~ +40, max. 95 % humidity
Altitude (meters)	Max. 2000	Max. 2000	Max. 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White
Color of handle	Grey	Grey	Grey
Color of buckle	Grey	Grey	Grey
Dimension of product	1P+N:90*74.7*35.7mm(L x W x H)	2P:92*78*18mm(L x W x H)	1P+N:100*77*71.6mm(L x W x H)
Weight of product	217g	2P:345g	1P+N:198g
Package	90 pcs /carton	2P:60 pcs /carton	1P+N:30 pcs /carton
Dimension of package	50*23.5*25.5cm(L x W x H)	50*23.5*34cm(L x W x H)	50*23.5*34cm(L x W x H)
Gross weight of package	22kg	22kg	8kg

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Configuration

RCCB Series

Type	3SL52	3SL18
Picture		
Standard	IEC 61008-1 (AC type / A type), IEC 62423 (B type)	IEC 61008-1
Number of poles (P)	1P+N, 3P+N	1P+N, 3P+N
Type (wave form of the earth leakage sensed)	AC;A;B	AC;A
Rated residual currents IΔn (mA)	10, 30, 100, 300	30, 100, 300
Rated current In (A)	16, 25, 40, 63	16, 25, 40, 63, 80, 100
Left neutral or right neutral	left neutral/right neutral	left neutral
Rated voltage Un (V) AC	230/400	230/400
Rated insulation voltage (V)	500	500
Rated frequency (Hz)	50/60	50/60
Tripping time type	instantaneous, selectivity S	instantaneous, selectivity S
Making and breaking capacity Im (A)	1000	1000
Rated conditional short-circuit current	Inc = IΔc = 6000 A SCPD fuse 100 A Gg	Inc = IΔc = 6000 A SCPD fuse 100 A Gg
Rated residual breaking capacity IΔm (A)	1000	1000
Electromagnetic type or electronic type	Electromagnetic type	Electromagnetic type/ ectronic type
U type bar with upstream connection		
U type bar with downstream connection	√	
ON/OFF indication window	√	
Busbar connection	Pin type	Pin type
Accessories	Auxiliary contact;auxiliary alarm; Auxiliary contact&alarm; under voltage release;shunt release; Pushbutton and indicator lamps	-
Degree of protection	IP20	IP20
Electrical life (times)	4000	4000
Mechanical life (times)	10000	10000
Fire resistance	960℃	960℃
Solid and stranded (mm^2)	1-25	1-35
Finely stranded with end sleeve (mm^2)	1 ~ 16	1 ~ 25
Teminal tightening torque (N.m)	2.5	2.5
Ambient temperature (℃)	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity
Altitude (meters)	2000	2000
Mounting stype	35mm Din rail	35mm Din rail
Color of enclosure	White	White
Color of handle	Grey	Grey;Blue
Color of test button	Yellow	Grey;Blue
Color of buckle	Grey	Grey
Dimension of product	1P+N:84.3*69*35mm(L x W x H)	1P+N:81.9*78.2*35.5mm (L x W x H)
Weight of product	1P+N:220g	1P+N:183g
Package	1P+N: 60 pcs /carton	1P+N: 120 pcs /carton
Dimension of package	43*20*26.5cm(L x W x H)	42*36*26cm(L x W x H)
Gross weight of package	14kg	23kg

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Configuration

RCCB Series

	3SL71	3SL6	VRC52
Picture			
Standard	IEC61008-1	IEC 61008-1 (AC type / A type), IEC 62423 (B type)	IEC 61008-1 (AC type / A type)
Number of poles (P)	1P+N, 3P+N	1P+N, 3P+N	1P+N, 3P+N
Type (wave form of the earth leakage sensed)	AC; A	AC; A; B	AC; A
Rated residual currents IΔn (mA)	10 , 30, 100, 300	10, 30, 100, 300	10, 30, 100, 300
Rated current In (A)	16, 25, 40, 63, 80, 100	10, 16, 25, 40, 63, 80, 100	10, 16, 25, 40, 63
Left neutral or right neutral	right neutral	left neutral/right neutral	left neutral/right neutral
Rated voltage Un (V) AC	230/400	230/400	230/400
Rated insulation voltage (V)	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60
Tripping time type	instantaneous, selectivity S	instantaneous, selectivity S	instantaneous, selectivity S
Making and breaking capacity Im (A)	1000	3SL6-63: 630A	VRC510-63: 630 A
		3SL6-100: 1000A	-
Rated conditional short-circuit current	Inc = IΔc = 6000 A SCPD fuse 100 A Gg	Inc = IΔc = 6000 A SCPD fuse 100 A Gg	Inc = IΔc = 6000 A SCPD fuse 100 A Gg
Rated residual breaking capacity IΔm (A)	1000	1000	1000
Electromagnetic type or electronic type	Electromagnetic type	Electromagnetic type	Electromagnetic type; Electronic; C type
U type bar with upstream connection	√		√
U type bar with downstream connection	√		√
ON/OFF indication window	√	√	√
Busbar connection	U type; Pin type	Pin type	U type; Pin type
Accessories	Auxiliary contact;auxiliary alarm; Auxiliary contact&alarm; under voltage release;shunt release; Pushbutton and indicator lamps	Auxiliary contact;auxiliary alarm; Auxiliary contact&alarm; under voltage release;shunt release; Pushbutton and indicator lamps	-
Degree of protection	IP20	IP20	IP20
Electrical life (times)	4000	4000	4000
Mechanical life (times)	10000	10000	10000
Fire resistance	960℃	960°C	960°C
Solid and stranded (mm^2)	1-35	1-35	1-25
Finely stranded with end sleeve (mm^2)	1 ~ 25	1 ~ 25	1 ~ 16
Teminal tightening torque (N.m)	3	2.5	2.5
Ambient temperature (℃)	-25～45， max.95% humidity	-5 ~ +40, max. 95 % humidity	-5 ~ +40, max. 95 % humidity
Altitude (meters)	2000	2000	2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White
Color of handle	Grey	Grey	Grey
Color of test button	Yellow	Yellow	Yellow
Color of buckle	Grey	Grey	grey
Dimension of product	1P+N:86*77.5*35mm(L x W x H)	1P+N:81*75.5*35mm(L x W x H)	1P+N:78.2*75*35.4mm(L x W x H)
Weight of product	1P+N:215g	1P+N:214g	1P+N:196g
Package	1P+N: 60 pcs /carton	1P+N: 60 pcs /carton	1P+N: 60 pcs /carton
Dimension of package	50*23.5*25.5cm(L x W x H)	44*21*29cm(L x W x H)	41*21*29cm(L x W x H)
Gross weight of package	14kg	13kg	13kg

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Relay Series

Type	3SR8-K	3SR8-W	3SR8-B	3SR8-F	3SQ1
Picture					
Standard	IEC60947-4-1	IEC60947-4-1	IEC60947-4-1	IEC60947-4-1	IEC60947-4-1;IEC60439-1
Rated frame current (A)	3PIN；5PIN	25; 36; 93	25; 36; 93	F53; F73	9/12/18/25/32/40/50/65/80/95
Current setting range (A)	0.11-0.16; 0.16-0.23; 0.23-0.36; 0.36-0.54; 0.54-0.8; 0.8-1.2; 1.8-2.6; 2.6-3.7; 3.7-5.5; 5-8; 8-11.5; 10-14	0.1-0.16; 0.16-0.25; 0.25-0.4; 0.4-0.63; 0.63-1; 1-1.6; 1.25-2; 1.6-2.5; 2.5-4;4-6; 5.5-8; 7-10; 9-13; 12-18;1 7-25; 23-32; 28-36; 30-40; 48-65; 55-70; 63-80; 80-93	0.1-0.16; 0.16-0.25; 0.25-0.4; 0.4-0.63; 0.63-1; 1-1.6; 1.25-2; 1.6-2.5; 2.5-4;4-6; 5.5-8; 7-10; 9-13; 12-18;1 7-25; 23-32; 28-36; 30-40; 48-65; 55-70; 63-80; 80-93	30-50; 48-80; 60-100; 90-150 132-220; 200-330; 300-500 380-630	09; 12; 18; 25; 32; 40; 50; 65; 80; 95
Max.setting current range (A)	10-14	23-93	80-93	380-630	95
Rated insulation voltage (VAC)	690	690	690	1000	690
Rated impluse withstand voltage Uimp (kV)	6	6	6	6	6
Tripping class	10A	10A	10A	10A;20A	-
Tightening torque (N•m)	0.8	0.8	0.8	0.8	0.8
Matched contactor	3SC8-K	3SC8	3SC8	3SR8-F	3SQ1
Degree of protection	IP20	IP20	IP20	IP20	IP55; IP65
Electrical life (×10^5 times)	/	/	/	/	5
Mechanical life (×10^5 times)	/	/	/	/	50
Ambient temperature (°C)	-5~+40°C, max.95% humidity	-5~+40°C, max.95% humidity	-5~+40°C, max.95% humidity	-5~+40°C, max.95% humidity	-5~+40°C, max.95% humidity
Flame resistance	V1	V1	V1	V1	V1
Altitude (meters)	2000	2000	2000	2000	2000
Mounting stype	Directly under the contactor	Directly under the contactor	Directly under the contactor	Directly under the contactor	-
Color of support	White	White; Black	White; Black	White	White
Color of base	Black	Black	Black	Black	Black
Dimension of product	66*40*70mm(L x W x H)	25:46*94*66mm(L x W x H); 36:56*94*78mm(L x W x H); 93:72*117*83mm(L x W x H)	25:46*94*66mm(L x W x H); 36:56*94*78mm(L x W x H); 93:72*117*83mm(L x W x H)	53:123.5*101*125mm(L x W x H); 73:127.6*108.8*150mm (L x W x H)	140*88*166mm(L x W x H); 142*102*185mm(L x W x H); 170*188*317mm(L x W x H)
Weight of product	118g	36:231g	36:231g	53:765g	09:822g
Package	120pcs / carton	36:60pcs / carton	36:60pcs / carton	53:30pcs / carton	09:20pcs / carton
Dimension of package	42*36*26cm(L x W x H)	36:42*36*26cm(L x W x H)	36:42*36*26cm(L x W x H)	53:42*24*33cm(L x W x H)	09:39.5*36*31.5cm(L x W x H)
Gross weight of package	16Kg	17Kg	17Kg	24Kg	18Kg

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Configuration

Smart Series

Type	iSS7	iB7-63	iRB7-63	iAR51
Product	Smart Relay Switches	Smart Residual Current Circuit Breaker with Overcurrent Protection	Smart Residual Current Circuit Breaker with Overcurrent Protection	Smart Automatic Reclosers
Picture				
Standard	IEC 60947-3	IEC 61898-1	IEC 61008-1	EN 55014-1/2
Characteristic	-	C, D	C, D	-
Number of poles (P)	1P+N 18mm, 36mm	1P, 2P, 3P, 4P, 1P+N, 3P+N	1P+N, 3P+N	-
Rated residual currents IΔn (mA)	-	-	30,100,300	-
Type (wave form of the earth leakage sensed)	-	-	AC;A	-
Rated current In (A)	6, 10, 16, 20, 25, 32, 40,50,63	6, 10, 16, 20, 25, 32, 40,50,63	6,10, 16, 20.25,32 40, 50,63	6, 10, 16, 20, 25, 32, 40,50,63
Version	TUYA	TUYA	TUYA	TUYA
Rated voltage Ue V	230	230/400	230/400	230
Rated insulation voltage Ui V	500	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated breaking capacity Icn (kA)	-	10	10	-
Rated impulse withstand voltage Uimp (kV)	4	4	4	4
Characteristic C (In)	-	5~10	5~10	-
Characteristic D (In)	-	10-14	10-14	-
Communication port	wifi	wifi	wifi	wifi
Protection functions	over-voltage,under-voltage	Overload, Overcurrent, Over-voltage, protectionReclosing	over temperature, over-voltage, under-voltage, over current protection	over-voltage, under-voltage, overcurrent, Reclosing
Degree of protection	IP20	IP20	IP20	IP20
Electrical life (times)		10000	10000	10000
Mechanical life (times)		20000	20000	20000
Fire resistance	960°C	960°C	960°C	960°C
Solid and stranded (mm^2)	0.75-25	0.75-25	1-35	0.75-25
Finely stranded with end sleeve (mm^2)	0.75-16	0.75-16	1-25	0.75-16
Teminal tightening torque (N.m)	2.8	2.8	2.8	2.8
Ambient temperature (℃)	-25~45, max.95% humidity	-25~45, max.95% humidity	-5~40, max.95% humidity	-25~45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White	White
Color of handle	-	Black	Black	Black
Dimension of product				
Weight of product				

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Configuration

Smart Series

Type	iBD600	iRB600E	iRBU600E
Product	Smart Miniature Circuit Breakers	Smart Residual Current Circuit Breaker with Overcurrent Protection	Smart Residual Current Circuit Breaker with Overcurrent Protection
Picture			
Standard	IEC 60947-2	IEC 61009-1	IEC 61009-1
Characteristic	-	B, C,D	B,C, D
Number of poles (P)	1P,2P	1+N,3P+N	1P+N,3P+N
Rated residual currents IΔn (mA)	-	30,100,300	30,100,300
Type (wave form of the earth leakage sensed)	-	AC;A	AC;A
Rated current In (A)	6, 10, 16, 20, 25, 32, 40, 50, 63, 80, 100	6,10, 16, 20.25,32 40, 50,63, 80, 100	6,10, 16, 20.25,32 40, 50,63, 80, 100
Version	SASSIN,TUYA	SASSIN	SASSIN
Rated voltage Ue V	48,250VDC	230/400	230/400
Rated insulation voltage Ui V	500	500	500
Rated frequency (Hz)	-	50/60	50/60
Rated breaking capacity Icn (kA)	10	10	10
Rated impulse withstand voltage Uimp (kV)	4	4	4
Characteristic B (In)	-	3~5	3~5
Characteristic C (In)	-	5~10	5~10
Characteristic D (In)	-	10-14	10-14
Communication port	RS485	RS485	RS485
Protection functions	over temperature,over-voltage, under-voltage,over current protection	over temperature,over-voltage, under-voltage,over current protection	over temperature,over-voltage, under-voltage,over current protection
Degree of protection	IP20	IP20	IP20
Electrical life (times)	10000	10000	10000
Mechanical life (times)	20000	20000	20000
Fire resistance	960℃	960℃	960℃
Solid and stranded (mm^2)	1-35	1-35	1-35
Finely stranded with end sleeve (mm^2)	1-25	1-25	1-25
Teminal tightening torque (N.m)	2.8	2.8	2.8
Ambient temperature (℃)	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White
Color of handle	Black	Black	Black
Dimension of product	1P:93.4*78*36mm(L x W x H)	1P+N:103*78*36mm(L x W x H)	1P+N:110*78*72mm(L x W x H)
Weight of product	1P:240g	1P+N:322g	1P+N:395g

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Configuration

Smart Series

Type	iSS71	iRS71	iB6
Product	Smart Switches	Smart Switches with Residual Current Protection	Smart Miniature Circuit Breakers
Picture			
Standard	IEC 60947-3	IEC 61008-1	IEC 60898-1
Characteristic	-	-	B,C,D
Number of poles (P)	1P, 1P+N	1P+N	1P, 2P, 3P, 4P, 1P+N, 3P+N
Rated residual currents IΔn (mA)	-	30, 200	-
Type (wave form of the earth leakage sensed)	-	-	-
Rated current In (A)	6, 10, 16, 20, 25, 32, 40,50,63	6, 10, 16, 20, 25, 32, 40,50,63	6,10, 16, 20, 25, 32, 40, 50, 63, 80, 100
Version	SASSIN,TUYA	SASSIN,TUYA,Bluetooth	SASSIN,TUYA
Rated voltage Ue V	230	230	230/400
Rated insulation voltage Ui V	500	500	500
Rated frequency (Hz)	50/60	50/60	50/60
Rated breaking capacity Icn (kA)	10	10	10
Rated impulse withstand voltage Uimp (kV)	4	4	4
Characteristic B (In)	-	-	3~5
Characteristic C (In)	-	-	5~10
Characteristic D (In)	-	-	10-14
Communication port	RS485	RS485	RS485
Protection functions	over temperature,over-voltage, under-voltage,over current protection	over temperature,over-voltage, under-voltage,over current protection	over temperature,over-voltage, under-voltage,over current protection
Degree of protection	IP20	IP20	IP20
Electrical life (times)	4000	4000	10000
Mechanical life (times)	10000	10000	20000
Fire resistance	960℃	960℃	960℃
Solid and stranded (mm^2)	0.75-35	0.75-25	1-35
Finely stranded with end sleeve (mm^2)	0.75-16	0.75-16	1-25
Teminal tightening torque (N.m)	2.8	2.8	2.8
Ambient temperature (℃)	-25～45, max.95% humidity	-25～45, max.95% humidity	-25～45, max.95% humidity
Altitude (meters)	Max 2000	Max 2000	Max 2000
Mounting stype	35mm Din rail	35mm Din rail	35mm Din rail
Color of enclosure	White	White	White
Color of handle	-	-	Black
Dimension of product	1P:95*71.5*18mm(L x W x H)	95*71.5*36mm(L x W x H)	1P:93.4*78*36mm(L x W x H)
Weight of product	1P:129g	18mm:147g	3P:478g

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Configuration

SPD Series

Type	3SU71	PSC61	3SU6
Picture			
Standard	IEC 61643-11	IEC 61643-11	IEC 61643-11
Number of poles (P)	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P+N, 3P+N	1P, 1P+N, 2P, 3P, 3P+N, 4P
Max. discharge current Imax (8/20) per pole (kA)	10,20,40,60	15,30,40	10,20,40,60
Max. Cont. operating voltage U (V)	140, 275, 320, 385, 400, 440	275, 320	275, 320, 385, 400, 440
With or without remote signal contact	with, without	with, withou	with, without
Classification	Type Ⅱ	Type Ⅱ	Type Ⅱ
Rated voltage Un (VAC)	230/400	230	230/400
Rated frequency (Hz)	50/60	50/60	50/60
Norminal discharge current In (8/20) per pole (kA)	5, 10, 20, 30	5, 15, 20	5,10,20,30
Voltage protection level Up (kV)	1.0, 1.2, 1.5, 1.8, 2.3	1.3, 1.5	1.3, 1.5, 1.8, 2.3
Continuous operating current Ic (mA)	< 1	< 1	< 1
State indicator	Yes	Yes	Yes
Pluggable cartridge	Yes	Yes	Yes
Degree of protection	IP20	IP20	IP20
Solid and stranded (mm^2)	2~35	2~16	2~35
Finely stranded with end sleeve (mm^2)	2~25	2~16	2~25
Teminal tightening torque (N.m)	2.8	2	2.5
Ambient temperature (℃)	-5～45,max.95% humidity	-5～45,max.95% humidity	-5～45,max.95% humidity
Color of enclosure	White	White	White
Dimension of product	1P:92*71.5*18mm	1P:85*70.62*18mm(L x W x H)	1P:80*70.1*18mm(L x W x H)
Weight of product	1P:142g	1P:130g	1P:114g
Package	1P:180pcs /carton	1P:180pcs /carton	1P:180pcs /carton
Dimension of package	50*23.5*34cm	43*24*34cm(L x W x H)	43*24*34cm(L x W x H)
Gross weight of package	28kg	25kg	23kg

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Configuration

Contactor Series

Type		3SC8-F	3SC8-P	3SC19
Picture				
Standard		IEC60947-4-1	IEC60947-4-1	IEC60947-4-1
Rated operational current(A)	380/400V	115/150/185/225/265/330/400/500/630/780	9/12/18/25/32/40/50/65/80/95	25/32/43/50/63/80/95/125
	380/400V	200/250/275/315/350/400/500/700/1000/ 1600 AC-1	3.5/5/7.7/8.5/12/18.5/24/28/37/44	17.3/23/29/36/43/53/65/72
	660/690V	/	6.6/8.9/12/18/21/34/39/42/49/55	/
	660/690V	/	1.5/2/3.8/4.4/7.5/9/12/14/17.3/21.3	/
	440V	200/250/275/315/350/400/500/700/ 1000/1600	/	/
Number of contacts		3NO 4NO	3N0+1NO;3NO+1NC; 3NO+1NO+1NC	3NO+2N0;3NO+2NC;3NO+1NO+NC; 3NO+2NO+1NC;3NO+1NO+2NC
Coil voltage (V)		24/48/110/220/230/380/400/415	24/48	12/24/32/36/42/110/220/230/380/400/415/ 440/480/500/600/660
Frequency		50/60	50/60	120
Rated insulation voltage (VAC)		1000	690	690
Rated operational voltage Ue (V)		1000	690	/
Rated impluse withstand voltage Uimp (kV)		8	/	/
Rated conventional thermal current Ith (A)		200/250/275/315/350/400/500/700/ 1000/1600	25/32/40/50/60/80/125	25/32/43/50/63/80/95/125
Rated operational power in category AC-3 (kw)		220/230V:30/40/55/68/75/100/129/147/200/220 380/400V:55/75/90/100/132/160/200/250/335/400 660/690V:80/100/120/129/180/220/280/355/450/475	220V:2.2/3/4/5.5/7.5/11/15/18.5/22/25 380V:4/5.5/7.5/11/15/18.5/22/30/37/45 660V:5.5/7.5/9/15/18.5/30/33/37/45	/
Operation cycles (times/hour) AC-3		600/1200	600/1200	/
AC-4		600/1200	300	/
Reversing contactor type		3SC8-KN	/	/
Associated thermal overload relays		3SC8-F53;3SC8-F73	/	/
Protective cover		with	without	without
Accessories		Coil	Auxiliary contacts	Coil
Degree of protection		IP20	IP20	IP20
Electrical life AC-3		0.8/1/1.2(x10^6 times)	60;80;100(x10^4 times)	6/10(x10^4 times)
Electrical life AC-4		0.8/1/1.2(x10^6 times)	10;15;20(x10^4 times)	6/10(x10^4 times)
Mechanical life		6/10(x10^6 times)	500/600/1000(x10^4 times)	80/100/300(x10^4 times)
Fire resistance		-	-	-
Screw size		M4/M6/M8/M10/M12	-	M3.5/M4/M8/M10
Ambient temperature (℃)		-5~+40℃, max.95% humidity	-5~+40℃, max.95% humidity	-5~+40℃
Flame resistance		V1	V1	V1
Altitude (meters)		2000	2000	2000
Mounting stype		rail/screw	rail/screw	rail/screw
Color of support		white	black	white
Color of base		white	black	black
Dimension of product		225: 200*170*180mm(L x W x H)	32: 102*86*112mm(L x W x H)	125: 140*90*158mm(L x W x H)
Weight of product		225: 4532g	32: 1080g	125: 1492g
Package		115: 4pcs / carton	32: 14pcs / carton	125: 12pcs / carton
Dimension of package		115: 51.5*41.5*24.3cm(L x W x H)	32: 51.5*41.5*24.3cm(L x W x H)	125: 51.5*41.5*24.3cm(L x W x H)
Gross weight of package		17Kg	17Kg	18Kg

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Contactor Series

Type		3SC8-K	3SC8-W	3SC8-B
Picture				
Standard		IEC60947-4-1	IEC60947-4-1	IEC60947-4-1
Rated operational current(A)	380/400V	6/9/12	9/12/18/25/32/40/50/65/80/95(AC-3 380V)	9/12/18/25/32/40/50/65/80/95(AC-3 380V)
	380/400V	2.6/3.5/5	3.5/5/7.7/8.5/12/18.5/24/28/37/44(AC-4 380V)	3.5/5/7.7/8.5/12/18.5/24/28/37/44(AC-4 380V)
	660/690V	/	6.6/8.9/12/18/21/34/39/42/49/55(AC-3 660V)	6.6/8.9/12/18/21/34/39/42/49/55(AC-3 660V)
	660/690V	/	1.5/2/3.8/4.4/7.5/9/12/14/17.3/21.3(AC-4 660V)	1.5/2/3.8/4.4/7.5/9/12/14/17.3/21.3(AC-4 660V)
	440V	/	20/25/32/40/50/60/80/110/125 AC-1(440V)	20/25/32/40/50/60/80/110/125 AC-1(440V)
Number of contacts		3NO+1NO;3NO+1NC;4NO;2NO+2NC	3NO+1NO;3NO+1NC;3NO+1NO+1NC; 4NO;2NO+2NC	3NO+1NO;3NO+1NC;3NO+1NO+1NC; 4NO;2NO+2NC
Coil voltage (V)		12/20/24//32/36//42/48/60/100/110/115/ 120/127/208/220/230/240/265/380/400/ 415/440/480/500/550/600/660/690	12/20/24/32/36/42/48/60/100/110/115/120/127/ 208/220/230/240/265/380/400/415/440/480/ 500/550/600/660/690	12/20/24/32/36/42/48/60/100/110/115/120/127/ 208/220/230/240/265/380/400/415/440/480/ 500/550/600/660/690
Frequency		50/60	50/60	50/60
Rated insulation voltage (VAC)		690	690	690
Rated operational voltage Ue (V)		690	690	690
Rated impluse withstand voltage Uimp (kV)		6	8	8
Rated conventional thermal current Ith (A)		20	25/32/40/50/60/80/125	25/32/40/50/60/80/125
Rated operational power in category AC-3 (kw)		220/230/240V:1.5/2.2/3 380/400V:2.2/4/5.5 660/690V:3/4/5.5	220/230/240V:2.2/3/4/5.5/7.5/11/15/18.5/22/25 380/400V:4/5.5/7.5/11/15/18.522/30/37/45 660/690V:5.5/7.5/10/15/18.5/30/33/37/45	220/230/240V:2.2/3/4/5.5/7.5/11/15/18.5/22/25 380/400V:4/5.5/7.5/11/15/18.522/30/37/45 660/690V:5.5/7.5/10/15/18.5/30/33/37/45
Operation cycles (times/hour) AC-3		1200	600/1200	600/1200
AC-4		300	300	300
Reversing contactor type		3SC8-KN	3SC8-DN	3SC8-DN
Associated thermal overload relays		3SR8-K	3SR8	3SR8
Protective cover		without	with	with
Accessories		Auxiliary contact;coil voltage	Auxiliary contacts;Time delay contact; Coil voltage;Coil;	Auxiliary contacts;Time delay contact; Coil voltage;Coil;
Degree of protection		IP20	IP20	IP20
Electrical life AC-3		100;120($x10^4$ times)	600/800/1000($x10^3$ times)	600/800/1000($x10^3$ times)
Electrical life AC-4		20	100/150/200	100/150/200
Mechanical life		1000($x10^4$ times)	6/8/10($x10^6$ times)	6/8/10($x10^6$ times)
Fire resistance		-	-	-
Screw size		/	M3.5/M4/M8/M10	M3.5/M4/M8/M10
Ambient temperature (℃)		-5~+40°C, max.95% humidity	-5~+40°C, max.95% humidity	-5~+40°C, max.95% humidity
Flame resistance		V1	V1	V1
Altitude (meters)		2000	2000	2000
Mounting stype		rail/screw	rail/screw	rail/screw
Color of support		white	white; black	white; black
Color of base		black	black	black
Dimension of product		57*45*60mm(L x W x H)	32: 85*58*100mm(L x W x H)	32: 85*58*100mm(L x W x H)
Weight of product		177g	32: 549g	32: 549g
Package		100pcs / carton	12: 50pcs / carton	12: 50pcs / carton
Dimension of package		33.5*28.7*23.5cm(L x W x H)	12: 42*27*21cm(L x W x H)	12: 42*27*21cm(L x W x H)
Gross weight of package		20Kg	12: 18Kg	12: 18Kg

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