

Position contact indication

- Suitable for industrial isolation according to IEC/EN 60947-3 standard.
- The presence of the green strip guarantees physical opening of the contacts and allows operations to be performed on the downstream circuit in complete safety.



PB105268-40

DB122918

iSW control switches (20, 32 A)

- IEC/EN 60669-1, iSW switch with indicator light.
- IEC/EN 60669-2-4, iSW switch without indicator light.

These switches are used for:

- Control (opening and closing of circuits under load).

The 1P and 2P switches are available with or without indicator light.

- Disconnection, for switches without indicator light IEC/EN 60669-2-4.

iSW switch-disconnectors (40 to 125 A)

IEC 60947-3

The switch-disconnectors combine the following functions:

- Control (opening and closing of circuits under load).

OF iSW auxiliary

- Mounted on the left, it indicates the "open" or "closed" position of the switch and has a normally open (NO) or normally closed (NC) contact.

Accessory

- The padlocking facility locks the switch in the "open" or "closed" position.

Catalogue numbers

20, 32 A iSW control switches				
Type	Rating	Voltage (Ue)		Width in 9 mm modules
1P DB118998	20 A	250 V AC	A9S60120	2
	32 A	250 V AC	A9S60132	
2P DB118999	20 A	250 V AC	-	2
		415 V AC	A9S60220	
	32 A	250 V AC	-	
		415 V AC	A9S60232	
3P DB119000	20 A	415 V AC	A9S60320	4
	32 A	415 V AC	A9S60332	
4P DB119001	20 A	415 V AC	A9S60420	4
	32 A	415 V AC	A9S60432	
Operating frequency			50/60 Hz	

PB105264-40

PB105265-40



Control switches



Control switches with indicator light

Catalogue numbers (cont.)

20, 32 A iSW control switches with indicator light

Type				Width in 9 mm modules
1P 	Rating	230 V indicator light		2
	20 A	A9S61120		
	32 A	A9S61132		
2P				
	20 A	A9S61220		2
	32 A	A9S61232		
Operating frequency		50/60 Hz		

Spare indicator lights for 20, 32 A iSW switches

Type		
Neon	Voltage (Ue)	
Supplied with a red diffuser (Pack of 10)	230 V AC	15111
Incandescent bulb (P=1.2 W)		
Supplied with a red diffuser (Pack of 10)	12 V DC/AC	15112
	24 V DC/AC	15113
	48 V DC/AC	15114



Switch-disconnectors



40 to 125 A iSW switch-disconnectors

Type				Width in 9 mm modules
1P 	Rating	Voltage (Ue)		2
	40 A	250 V AC	A9S60140	
	63 A	250 V AC	A9S60163	
	100 A	250 V AC	A9S60191	
	125 A	250 V AC	A9S60192	
2P				
	40 A	415 V AC	A9S60240	4
	63 A	415 V AC	A9S60263	
	100 A	415 V AC	A9S60291	
	125 A	415 V AC	A9S60292	
3P				
	40 A	415 V AC	A9S60340	6
	63 A	415 V AC	A9S60363	
	100 A	415 V AC	A9S60391	
	125 A	415 V AC	A9S60392	
4P				
	40 A	415 V AC	A9S60440	8
	63 A	415 V AC	A9S60463	
	100 A	415 V AC	A9S60491	
	125 A	415 V AC	A9S60492	
Operating frequency		50/60 Hz		

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OF iSW

Catalogue numbers (cont.)

Auxiliary				
Type				Width in 9 mm modules
OF iSW	Rating	Voltage (Ue)	A9A15096	2
	3 A	415 V AC		
	6 A	250 V AC		

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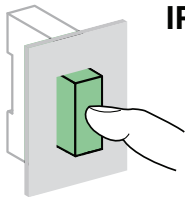
Accessories

Type	
Padlocking facility (for Ø 8 mm padlock)	
Pack of 2 parts	26970

Technical data

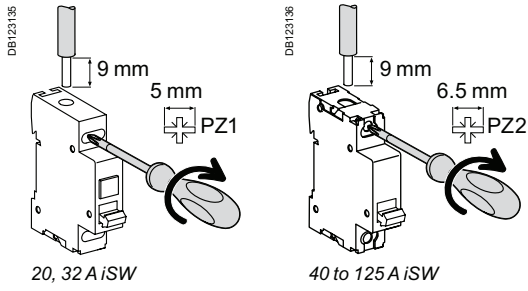
Main characteristics	20, 32 A iSW		40 to 125 A iSW	
Insulation voltage (Ui)	Without indicator light	With indicator light	1P: 250 V AC 2P, 3P, 4P: 500 V AC	
	■ 1P: 250 V AC ■ 2P, 3P, 4P: 500 V AC	250 V AC		
Pollution degree	2		3	
Power circuit				
Rated impulse withstand voltage (Uimp)	4 kV		6 kV	
Operating category	AC - 22 A		AC - 22 A	
Permissible rated short-time withstand current (Icw)	-		40 A, 63 A: 1260 A 100 A, 125 A: 2500 A	
Conditional rated short-circuit current (Inc)	3 kA to IEC/EN 60669-2-4		6 kA to IEC 60947-3	
Rated short-circuit closing current (Icm)	-		40 A, 63 A: 4.2 kA 100 A, 125 A: 5 kA	
Using direct current	48 V (110 V with 2 poles in series)			
Additional characteristics				
Degree of protection	IP40 on the front panel			
Endurance (O-C)	Mechanical	300,000 cycles		50,000 cycles
		Electrical	30,000 cycles	
			100 A iSW: 10,000 cycles	
			125 A iSW: 2 500 cycles	
Operating temperature	-20°C to +50°C			
Storage temperature	-40°C to +70°C			
Tropicalization	Treatment 2 (relative humidity 95% at 55°C)			

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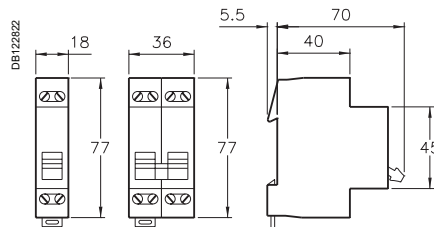
IP40

Connection

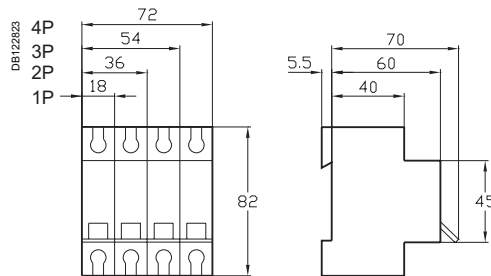


Type	Rating	Tightening torque	Copper cables	
			Rigid	Flexible or ferrule
iSW	20, 32 A	1.2 N.m	10 mm ²	10 mm ²
	40 to 125 A	3.5 N.m	≤ 50 mm ²	≤ 35 mm ²
OF iSW	-	1.2 N.m	10 mm ²	10 mm ²

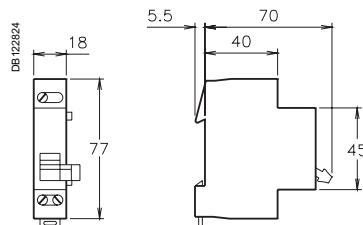
Dimensions (mm)



1P, 2P 3P, 4P
20, 32 A iSW



40 to 125 A iSW



OF iSW