



**BREMAS**

BETTER SWITCHES

## ENCLOSED SOLUTIONS







04

**Bremas** offers a complete range of enclosed solutions with cutting-edge construction details and in line with market needs, which guarantee suitability in multiple applications: motor control, line sectioning, commutation. All boxes are made with ABS material and offer IP65 degree of protection. Versions with front drive or lateral lever drive are available.



- Protection degree up to IP65
- Front or Lateral lever drive
- Double insulated thermoplastic enclosures
- Terminals for 4 wires systems
- Padlockable handle in "OFF" position and Cover interlock in "ON" position for the Front drive operated versions
- Trace and knock-outs to easy the wiring in the installation

**Thermoplastic enclosures**

	Type	Dimensions	Handle type		Additional Characteristics	
	<b>B95</b>	120 x 95 x 78 mm 4.72 x 3.74 x 3.07 in	Front drive. Padlockable handle in "OFF" position	ABS IP65 Double insulated	Cover interlock in "ON" position	Terminals for 4 wires systems (3 phase+PE) 2xM20 knock-outs on two sides, 2xPg16 on one side and on the base of the enclosure
	<b>B110</b>	125 x 110 x 78 mm 4.92 x 4.33 x 3.07 in	Front drive. Padlockable handle in "OFF" position	ABS IP65 Double insulated	Cover interlock in "ON" position	Terminals for 4 wires systems (3 phase+PE) 2xM20 knock-outs on two sides, 2xPg16/M20 on the lower and upper sides of the enclosure
	<b>B140</b>	140x165x80,5 mm 5.51 x 6.50 x 3.17 in	Front drive. Padlockable handle in "OFF" position	ABS IP65 Double insulated	Cover interlock in "ON" position	Terminals for 4 wires systems (3 phase+PE) 2xPg 16 /21 traces on each side of the enclosure
	<b>S31</b>	120 x 95 x 78 mm 4.72 x 3.74 x 3.07 in	Lateral lever drive	ABS IP65 Double insulated	-	Terminals for 4 wires systems (3 phase+PE) 2xM20 knock-outs on two sides, 2xPg16 on one side and on the base of the enclosure



**B95**

120 x 95 x 78 mm  
4.72 x 3.74 x 3.07 in


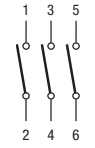

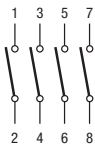

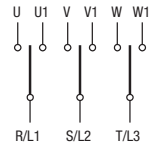

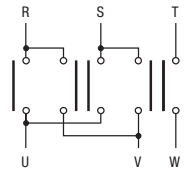
**Plate type**






**RL6**



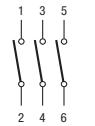
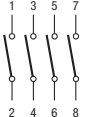
Yellow plate 67x67mm (2.64x2.64"),  
red padlockable knob (max 3 padlocks)




## ■ IP65, ABS enclosures with front drive, padlockable handle

	Circuit diagram	Function	I <sub>e</sub>	Part no.	Pack
 <b>00G3</b>		<b>ON-OFF switch 3 pole with padlockable handle</b>	12A	CA01200G3B95RL6	1
			16A	CA01600G3B95RL6	1
			20A	CA02000G3B95RL6	1
			25A	CA02500G3B95RL6	1
			32A	CA03200G3B95RL6	1
 <b>00G4</b>		<b>ON-OFF switch 4 pole with padlockable handle</b>	12A	-	-
			16A	CA01600G4B95RL6	1
			20A	CA02000G4B95RL6	1
			25A	-	-
			32A	CA03200G4B95RL6	1
 <b>0007</b>		<b>Change-over switch with padlockable handle</b>	12A	CA0120007B95RL6	1
			16A	CA0160007B95RL6	1
			20A	CA0200007B95RL6	1
			25A	-	-
			32A	-	-
 <b>0008</b>		<b>Reversing switch with padlockable handle</b>	12A	CA0120008B95RL6	1
			16A	CA0160008B95RL6	1
			20A	CA0200008B95RL6	1
			25A	-	-
			32A	-	-



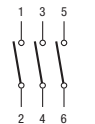
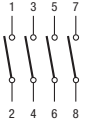
 <p><b>B110</b> 125 x 110 x 78mm (4.92 x 4.33 x 3.07 in)</p>	<p><b>Plate type</b></p>	
 <p><b>AL6</b> Yellow plate 67x67mm (2.64 x 2.64"), red padlockable knob (max 3 padlocks)</p>	 <p><b>AK6</b> Grey plate 67x67mm (2.64 x 2.64"), black padlockable knob (max 3 padlocks)</p>	

■ IP65, ABS enclosures with front drive, padlockable handle and cover interlock

	Circuit diagram	Poles	$I_e$	Part no.	Pack	Part no.	Pack
			3	20A	SB0203B110AL6	1	SB0203B110AK6
32A				SB0323B110AL6	1	SB0323B110AK6	1
40A				SB0403B110AL6	1	SB0403B110AK6	1
		3+N	20A	SB0204B110AL6	1	SB0204B110AK6	1
			32A	SB0324B110AL6	1	SB0324B110AK6	1
			40A	SB0404B110AL6	1	SB0404B110AK6	1

 <p><b>B140</b> 140 x 165 x 80,5 mm (5.51 x 6.50 x 3.17 in)</p>	<p><b>Plate type</b></p>	
 <p><b>AL6</b> Yellow plate 67x67mm (2.64 x 2.64"), red padlockable knob (max 3 padlocks)</p>	 <p><b>AK6</b> Grey plate 67x67mm (2.64 x 2.64"), black padlockable knob (max 3 padlocks)</p>	

■ IP65, ABS enclosures with front drive, padlockable handle and cover interlock




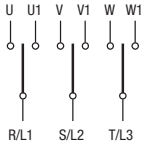

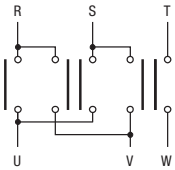
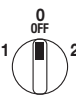
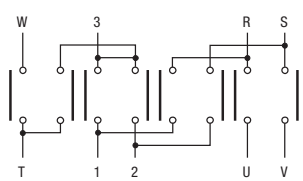
	Circuit diagram	Poles	$I_e$	Part no.	Pack	Part no.	Pack
			3	63A	SB0633B140AL6	1	SB0633B140AK6
100A				SB1003B140AL6	1	SB1003B140AK6	1
		3+N	63A	SB0634B140AL6	1	SB0634B140AK6	1
			100A	SB1004B140AL6	1	SB1004B140AK6	1



**S31**

120 x 95 x 78 mm  
4.72 x 3.74 x 3.07 in

## ■ IP40, ABS enclosures with lateral lever drive

	Circuit diagram	Function	$I_e$	Part no.	Pack
 <p><b>0003</b></p>		<p><b>ON-OFF switch 3 pole</b></p>	12A	CA0120003S31	1
			16A	CA0160003S31	1
			20A	CA0200003S31	1
			25A	CA0250003S31	1
			32A	CA0320003S31	1
			40A	CA0400003S31	1
 <p><b>0007</b></p>		<p><b>Change-over switch 3 pole</b></p>	12A	CA0120007S31	1
			16A	CA0160007S31	1
			20A	CA0200007S31	1
			25A	CA0250007S31	1
			32A	CA0320007S31	1
 <p><b>0008</b></p>		<p><b>Reversing switch 3 pole</b></p>	12A	CA0120008S31	1
			16A	CA0160008S31	1
			20A	CA0200008S31	1
			25A	CA0250008S31	1
			32A	CA0320008S31	1
 <p><b>0009</b></p>		<p><b>Changing switch Dahlander pole</b></p>	12A	CA0120009S31	1
			16A	CA0160009S31	1
			20A	CA0200009S31	1
			25A	CA0250009S31	1
			32A	CA0320009S31	1



**S31**

120 x 95 x 78 mm  
4.72 x 3.74 x 3.07 in

■ IP65, ABS enclosures with lateral lever drive

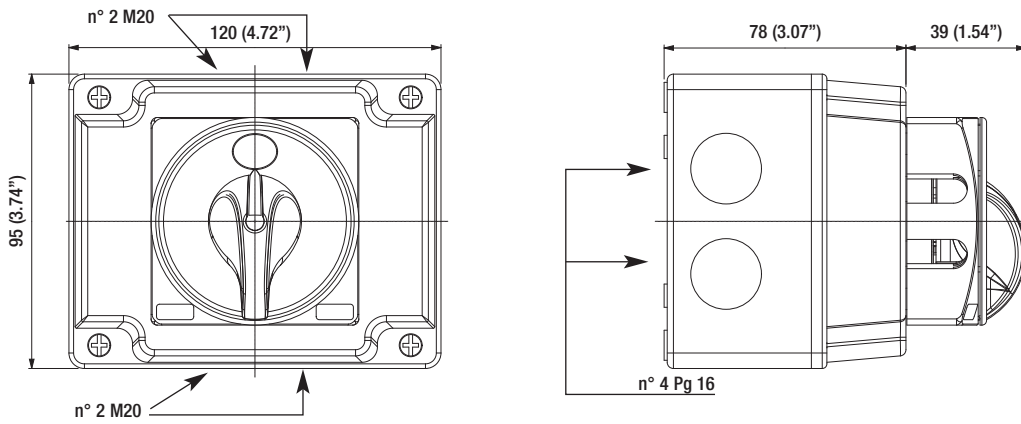
	Circuit diagram	Function	I <sub>e</sub>	Part no.	Pack
 <b>0010</b>		<b>STAR-DELTA Starter</b>	12A	CA0120010S31	1
			16A	CA0160010S31	1
			20A	CA0200010S31	1
			25A	CA0250010S31	1
			32A	CA0320010S31	1
 <b>0036</b>		<b>Reversing switch 3 pole with spring return to "off"</b>	16A	CA0160036S31	1
			20A	CA0200036S31	1
			25A	CA0250036S31	1
 <b>0039</b>		<b>Change-over switch 4 pole</b>	12A	CA0120039S31	1
			16A	CA0160039S31	1
			20A	CA0200039S31	1
			25A	CA0250039S31	1
			32A	CA0320039S31	1

■ Plastic enclosures, with handles

Code	Description		Pack
S31	ABS enclosure, IP65 with lateral lever drive	120 x 95 x 78 mm (4,72 x 3,74 x3,07 in)	1
B95	ABS enclosure, IP65 with front drive and RL6 padlockable	120 x 95 x 78 mm (4,72 x 3,74 x3,07 in)	1

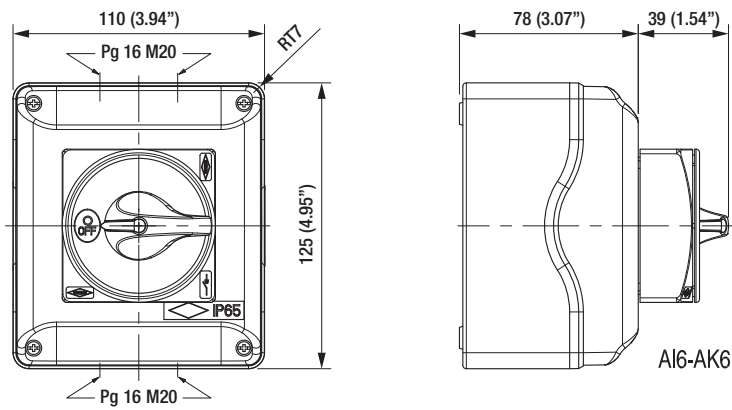
## ■ B95

Measures in mm (in)



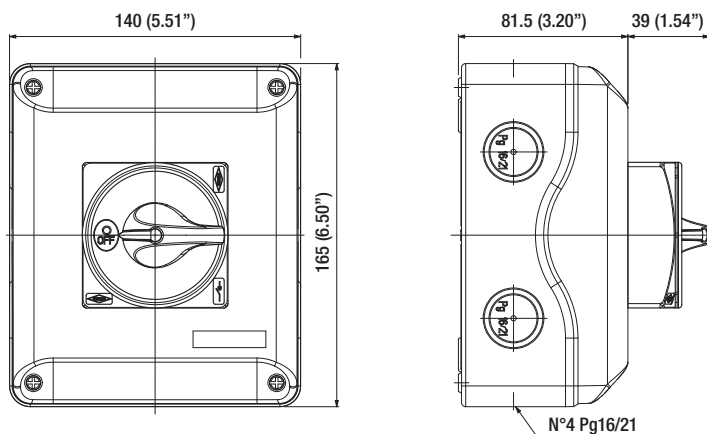
## ■ B110

Measures in mm (in)



## ■ B140

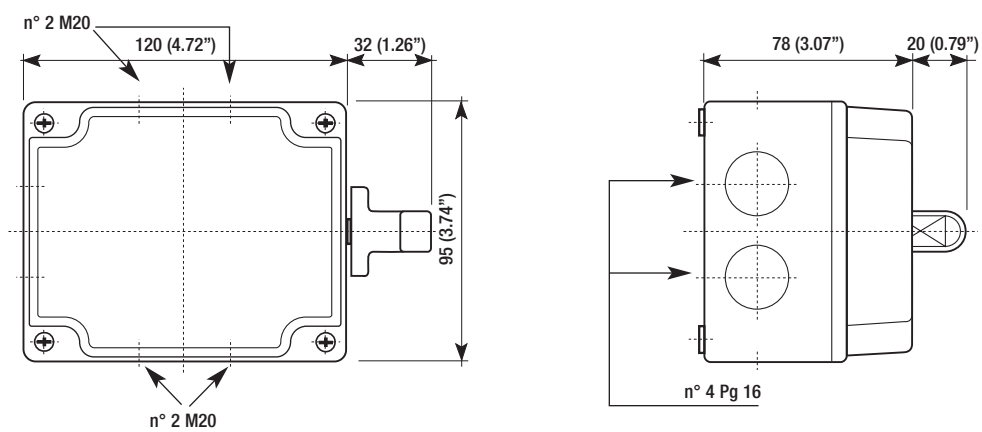
Measures in mm (in)





■ **S31**

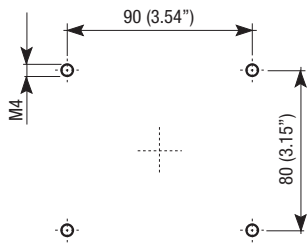
Measures in mm (in)



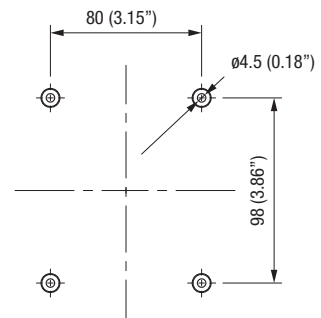
## ■ Drilling templates

Measures in mm (in)

### S31 - B95



### B110



### B140

