

emas[®]



CONTROL UNITS AND PILOT LIGHTS

B SERIES

B Series Control Units, 22mm, IP50



B100DY



B100FY



B200HK



B132K21HB



B102K20KY



B102B20KY



B121B30YY



B100S20



B100T20

Flush, Spring Return

Code	Contact Block Type	Colour*	Box / Pcs
B100D*	1 NO		10
B101D*	2 NO		10
B102D*	1 NO + 1 NC		10
B200D*	1 NC		10
B202D*	2 NC		10

Stay-Put, Spring Return

Code	Contact Block Type	Colour*	Box / Pcs
B100F*	1 NO		10
B200F*	1 NC		10

Extended, Spring Return

Code	Contact Block Type	Colour*	Box / Pcs
B100H*	1 NO		10
B101H*	2 NO		10
B102H*	1 NO + 1 NC		10
B200H*	1 NC		10
B202H*	2 NC		10

Double, Spring Return

Code	Type	Contact Block Type	Colour*	Box / Pcs
B102K20KY		1 NO + 1 NC		8
B102K21KY	Extended	1 NO + 1 NC		8
B102K20HB		1 NO + 1 NC		8
B102K21HB	Extended	1 NO + 1 NC		8

Big Size Double, Spring Return

Code	Type	Contact Block Type	Colour*	Box / Pcs
B102B20HB	Flush	1 NO + 1 NC		8
B102B20KY	Flush	1 NO + 1 NC		8

Triple With Extended Stop

Code	Type	Contact Block Type	Colour*	Box / Pcs
B121B30YY	Extended Stop	1 NO + 1 NC + 1 NO		8
B121B30BB	Extended Stop	1 NO + 1 NC + 1 NO		8

Selector

Code	Type	Contact Block Type	Position	Angle	Colour*	Box / Pcs	
B100S20		1 NO	0->		60°		10
B100S21	Spring Return	1 NO	0->		60°		10
B101S30		2 NO	>>-0->		60°		10
B101S31	Single Spring Return	2 NO	>>-0->		60°		10
B101S32	Double Spring Return	2 NO	>>-0->		60°		10
B101R30		2 NO	>>-0->		45°		10
B100T20		1 NO	0->		90°		10

Note 1 : For "12-30V AC/DC" Voltage in LED illumination preferences, please use the numbers; 5: White, 6:Red, 7:Blue, 8: Yellow, 9: Green, instead of "0". i.e: B260DK

Note 2 : For "48V AC/DC" Voltage in LED illumination preferences, please use the letters; Q: White, X:Red, V:Blue, W: Yellow, Z: Green, instead of "0".

Note 3 : For "100-230VAC" Voltage in LED illumination preferences, please use the letters; B: White, K:Red, M:Blue, S: Yellow, Y: Green, instead of "0". i.e: B1B0DB

Note 4 : For "110V AC/DC" Voltage in LED illumination preferences, please use the letters; C: White, D:Red, E:Blue, F: Yellow, G: Green, instead of "0".

Note 5 : Please use "3" instead of "0" for the Neon Lamp and Ba9S LED, please do not forget to add bulb



B100SL20Y

Illuminated Selector

Code	Type	Contact Block Type	Position	Colour*	Box / Pcs
B100SL20*		1 NA	0->		10
B100SL21*	Spring Return	1 NA	0->		10
B101SL30*		2 NA	>>-0->		10
B101SL31*	Single Spring Return	2 NA	>>-0->		10
B101SL32*	Double Spring Return	2 NA	>>-0->		10

Note 1 : For "12-30V AC/DC" Voltage in LED illumination preferences, please use the numbers; 5: White, 6:Red, 7:Blue, 8: 9: Green, instead of "0". i.e: B160SL20K

Note 2 : For "48V AC/DC" Voltage in LED illumination preferences, please use the letters; Q: White, X:Red, V:Blue, W: Yellow, instead of "0". Z: Green, Note 3 : For "100-230VAC" Voltage in LED illumination preferences, please use the letters; B: White, K:Red, M:Blue, S: Yellow, Y: Green, instead of "0". i.e: B1B0SL20B

Note 4 : For "110V AC/DC" Voltage in LED illumination preferences, please use the letters; C: White, D:Red, E:Blue, F: Yellow, G: Green, instead of "0".

Note 5 : Please use "3" instead of "0" on the middle for the Neon Lamp and Ba9S LED, please do not forget to add bulb.



B200MK



B100C

Handle and Mushroom Head

Code	Type	Contact Block Type	Colour*	Box / Pcs
B100C	Handle Switch	1 NO		10
B102C	Handle Switch	1 NO + 1 NC		10
B200C	Handle Switch	1 NC		10
B100M*	Mushroom Head, Spring Return	1 NO		10
B102M*	Mushroom Head, Spring Return	1 NO + 1 NC		10
B200M*	Mushroom Head, Spring Return	1 NC		10

* Please choose the colour and replace (*) with the letter.



B100AC20

Key Operated

Code	Type	Contact Block Type	Position	Colour*	Box / Pcs
B100AA20	Stay Put	1 NO	0->		1
B102AA20	Stay Put	1 NO + 1 NC	0->		1
B100AA21	Spring Return	1 NO	0->		1
B101AA30	Stay Put	2 NO	>>-0->		1
B101AA31	Single Spring Return	2 NO	>>-0->		1
B101AA32	Double Spring Return	2 NO	>>-0->		1
B100AC20	Stay Put	1 NO	0->		1
B102AC20	Stay Put	1 NO + 1 NC	0->		1
B102AC30	Stay Put	1 NO + 1 NC	>>-0->		1

* Key removal position



B200E30



B200EE



B200EG



B200EEG

Emergency Stop

Code	Type	Contact Block Type	Diameter	Colour*	Box / Pcs
B200E30	Turn to Release	1 NC	30		10
B102E30	Turn to Release	1 NO + 1 NC	30		10
B102E	Turn to Release	1 NO + 1 NC	40		10
B200E	Turn to Release	1 NC	40		10
B200EE	Turn to Release, With Label	1 NC	40		10
B200E60	Turn to Release	1 NC	60		5
B102E60	Turn to Release	1 NO + 1 NC	60		5
B200EG	With Position Cursor	1 NC	40		10
B200EEG	With Position Cursor, With Label	1 NC	40		10
B900E30	Turn to Release	1 NC+1NC (for Emergency)	30		10
B900E	Turn to Release	1 NC+1NC (for Emergency)	40		10
B900EE	With Label	1 NC+1NC (for Emergency)	40		10
B900EEG	With Position Cursor, With Label	1 NC+1NC (for Emergency)	40		10



B080XS

B Series Pilot Lights with LED Lamp Block, IP50

Code	Illumination	Nominal Voltage	Colour*	Box / Pcs
B030X*	With Lampholder for Ba9S			10
B050XB	LED	12 - 30V AC/DC		10
B060XK	LED	12 - 30V AC/DC		10
B070XM	LED	12 - 30V AC/DC		10
B080XS	LED	12 - 30V AC/DC		10
B090XY	LED	12 - 30V AC/DC		10
B0Q0XB	LED	48V AC/DC		10
B0V0XM	LED	48V AC/DC		10
B0W0XS	LED	48V AC/DC		10
B0X0XK	LED	48V AC/DC		10
B0Z0XY	LED	48V AC/DC		10
B0B0XB	LED	100-230V AC		10
B0K0XK	LED	100-230V AC		10
B0M0XM	LED	100-230V AC		10
B0S0XS	LED	100-230V AC		10
B0Y0XY	LED	100-230V AC		10
B0C0XB	LED	110V AC/DC		10
B0D0XK	LED	110V AC/DC		10
B0E0XM	LED	110V AC/DC		10
B0F0XS	LED	110V AC/DC		10
B0G0XY	LED	110V AC/DC		10

Note: B030X* doesn't have lamp. Please choose Ba9s LED from Page 9. *Please choose the colour and replace (*) with the letter.



CM101K20YYOK



CM100DYOD

Pad Printed Control Units (matt surface without Illumination)

Code	B102K20KY10	B101K20YY12	B101K20YYOK	B102K20HB10	B101K20HHOK	B101K20BB12	B101K20SH10	B101K20SS12
PRINT	CP102K20KY10	CP101K20YY12	CP101K20YYOK	CP102K20HB10	CP101K20HHOK	CP101K20BB12	CP101K20SH10	CP101K20SS12
	CM102K20KY10	CM101K20YY12	CM101K20YYOK	CM102K20HB10	CM101K20HHOK	CM101K20BB12	CM101K20SH10	CM101K20SS12
	I-O	I-II	Arrow Signed	I-O	Arrow Signed	I-II	I-O	I-II
Code	B100DYOD	B100DYOY	B100DHOD	B100DHOY	B100DBOD	B100DBOY	B100DBZ	B100DBL
PRINT	CP100DYOD	CP100DYOY	CP100DHOD	CP100DHOY	CP100DBOD	CP100DBOY	CP100DBZ	CP100DBL
	CM100DYOD	CM100DYOY	CM100DHOD	CM100DHOY	CM100DBOD	CM100DBOY	CM100DBZ	CM100DBL
	MB100DYOD	MB100DYOY	MB100DHOD	MB100DHOY	MB100DBOD	MB100DBOY	MB100DBZ	MB100DBL
	VerticalArrow	HorizontalArrow	Vertical Arrow	HorizontalArrow	Vertical Arrow	HorizontalArrow	Bell	Lamp
Code	B100DY1	B100DY2	B100DB1	B100DB2	B200DK0	B200DH0	B200DSZ	B200DSL
PRINT	CP100DY1	CP100DY2	CP100DB1	CP100DB2	CP200DK0	CP200DH0	CP200DSZ	CP200DSL
	CM100DY1	CM100DY2	CM100DB1	CM100DB2	CM200DK0	CM200DH0	CM200DSZ	CM200DSL
	MB100DY1	MB100DY2	MB100DB1	MB100DB2	MB200DK0	MB200DH0	MB200DSZ	MB200DSL
	I	II	I	II	O	O	Bell	Lamp

Note : Minimum Order Quantity : 50 pcs.

Accessories for B and C Series Control Units



BROZET18

BROZET08



BET60P

BET60LED1



BET60LED2

BET60FLASH1



BET60FLASH2

BMUHAFAZA



BPUL

CEB



BPROT

BARP



EMNKAPAK

Code	Type	Features	Box / Pcs
BROZET08	Legend Plate Holder		8 mm 100
BROZET18	Legend Plate Holder		18 mm 100
BCIFTLIROZET18	Double Legend Plate Holder		18 mm 100
BET08	Legend Plate	Unmarked	8 mm 100
BET18	Legend Plate	Unmarked	18 mm 100
BET08START	Legend Plate	(START) Marked	8 mm Start 100
BET08STOP	Legend Plate	(STOP) Marked	8 mm Stop 100
BET0801	Legend Plate	(0-I) Marked	8 mm 100
BET0801OK	Legend Plate	(0-I) (Arrow) Sign Marked	8 mm 100
BET08201	Legend Plate	(II-0-I) Marked	8 mm 100
BET08201OK	Legend Plate	(II-0-I) (Arrow) Sign Marked	8 mm 100
BET080	Legend Plate, Transparent	Unmarked	8 mm 100
BET180	Legend Plate, Transparent	Unmarked	18 mm 100
BET60P	Legend Plate, Plastic	(EMERGENCY STOP) Marked	60 mm 10
BET90P	Legend Plate, Plastic	(EMERGENCY STOP) Marked	90 mm 10
BET60A	Legend Plate, Aluminium	(EMERGENCY STOP) Marked	60 mm 10
BET90A	Legend Plate, Aluminium	(EMERGENCY STOP) Marked	90 mm 10
BET60LED0	Legend Plate, Constant Blinking LED,Plastic	Empty	60mm -24V AC/DC 10
BET60LED2	Legend Plate, Constant Blinking LED,Plastic	(EMERGENCY-EMERGENCY) Marked	60mm -24V AC/DC 10
BET60LED4	Legend Plate, Constant Blinking LED,Plastic	(NOUZOVY STOP) Marked	60mm -24V AC/DC 10
BET60FLASH0	Legend Plate, Flash Blinking LED,Plastic	Empty	60mm -24V AC/DC 10
BET60FLASH2	Legend Plate, Flash Blinking LED,Plastic	(EMERGENCY-EMERGENCY) Marked	60mm -24V AC/DC 10
BET60FLASH3	Legend Plate, Flash Blinking LED,Plastic	(Attention) Sign Marked	60mm -24V AC/DC 10
BMUHAFAZA	Emergency Protective Cover		Protection Guard 20
CMUHAFAZA	Emergency Protective Cover		Protection Guard Button 20
BPUL	Plate		Tightening 2 options Black 100
TIPASOM	Stopper and Nut		and Gray For Single Buttons 100
BEB	Silicon Button Cover for B Series		For Single Buttons For 20
CEB	Silicon Button Cover for C Series		Double Buttons For 20
BEBK20	Silicon Button Cover		Extended Double Buttons 20
BEBK21	Silicon Button Cover		20
BPROT	Protective Cover		24
BSOMAN	Nut Tightener		10
BARP	DIN Rail Adapter for M22 Control Units		1
EMNKAPAK	Emergency Safety Cover		1



BK



B1



BEBK20



B3



LED220K



BEB



LED24S

Spare Parts for B Series

Code	Type	Features	Colour	Box / Pcs
B1	Contact Block	1 NO		20
B2	Contact Block	1 NC		20
B3	Contact Block	Contact Block for Illumination		20
TIPASOM	Stopper and Nut			100
BDX*	Pilot	Combination	B K M S Y H	20
B5	Illumination Block with LED	12-30V AC/DC		20
B6	Illumination Block with LED	12-30V AC/DC		20
B7	Illumination Block with LED	12-30V AC/DC		20
B8	Illumination Block with LED	12-30V AC/DC		20
B9	Illumination Block with LED	12-30V AC/DC		20
BQ	Illumination Block with LED	48V AC/DC		20
BV	Illumination Block with LED	48V AC/DC		20
BW	Illumination Block with LED	48V AC/DC		20
BX	Illumination Block with LED	48V AC/DC		20
BZ	Illumination Block with LED	48V AC/DC		20
BB	Illumination Block with LED	100-230V AC		20
BK	Illumination Block with LED	100-230V AC		20
BM	Illumination Block with LED	100-230V AC		20
BS	Illumination Block with LED	100-230V AC		20
BY	Illumination Block with LED	100-230V AC		20
BC	Illumination Block with LED	110V AC/DC		20
BD	Illumination Block with LED	110V AC/DC		20
BE	Illumination Block with LED	110V AC/DC		20
BF	Illumination Block with LED	110V AC/DC		20
BG	Illumination Block with LED	110V AC/DC		20
BN	Illumination Block with LED	220V DC		20
BO	Illumination Block with LED	220V DC		20
BP	Illumination Block with LED	220V DC		20
BR	Illumination Block with LED	220V DC		20
BT	Illumination Block with LED	220V DC		20
BA	Adapter			100
BEB	Silicon Cover	For Single Buttons	B K M S Y	20
BEBK20	Silicon Cover	For Double Buttons	B K M S Y	20
BEBK21	Silicon Cover	For Extended Double Buttons	B K M S Y	20
LED24*	Ba9S LED	24 V AC/DC	B K M S Y	50
LED220*	Ba9S LED	220V AC	B K M S Y	50
BBUTTONORTA	Contact Block Activator			50
BSECICIORTA	Contact Block Activator			50

Please choose the colour and replace () with the letter.