

**emas**<sup>®</sup>



# CONTROL UNITS AND PILOT LIGHTS

## CM SERIES

## CM Series Metal Control Units, 22 mm, IP65



CM100DY



CM200DK

### Flush, Spring Return

Code	Contact Block Type	Colour	Box / Pcs
CM100D*	1 NA		10
CM101D*	2 NA		10
CM102D*	1 NA + 1 NK		10
CM200D*	1 NK		10
CM202D*	2 NK		10
CM305D*	2 NA + 2 NK		5

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



CM100HK



CM100HY

### Extended, Spring Return

Code	Contact Block Type	Colour	Box / Pcs
CM100H*	1 NO		10
CM101H*	2 NO		10
CM102H*	1 NO + 1 NC		10
CM200H*	1 NC		10
CM202H*	2 NC		10



CM102K21KY



CM102K20KY

### Double, Spring Return

Code	Type	Contact Block Type	Colour	Box / Pcs
CM102K20KY		1 NO + 1 NC		8
CM102K20HB		1 NO + 1 NC		8
CM102K21KY	Double Extended	1 NO + 1 NC		8
CM102K21HB	Double Extended	1 NO + 1 NC		8



CM190S20



CM100S20

### Selector

Code	Type	Contact Block Type	Position	Colour	Box / Pcs
CM100S20		1 NO	0-1		10
CM100S21	Spring Return	1 NO	0->		10
CM101S30		2 NO	>>-0->		10
CM303S30		2 NO + 2 NO	>>-0->		10
CM101S31	Single Spring Return	2 NO	>>-0->		10
CM101S32	Double Spring Return	2 NO	>>-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: Yellow, 9: Green, instead of "0". i.e: CM160S20

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: CM1B0DB

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".



CM100MH



CM100MY

### Mushroom, Spring Return

Code	Type	Contact Block Type	Colour	Box / Pcs
CM100M*	Mushroom, Spring Return	1 NO		10
CM102M*	Mushroom, Spring Return	1NO + 1NC		10
CM200M*	Mushroom, Spring Return	1 NC		10



CM200E



CM200EE

### Emergency Stop

Code	Type	Contact Block Type	Dia (mm)	Colour	Box / Pcs
CM200E	Turn to Release	1 NC	40		10
CM200EE	Turn to Release, With Label	1 NC	40		10
CM200EK30	Short, Turn to Release	1 NC	30		10



CM112AA20



CM100AC20

## Key Operated

Code	Type	Contact Block Type	Position	Colour	Box / Pcs
CM100AA20	Stay Put	1 NO	0-I	●	1
CM112AA20	Stay Put	2 NO + 1 NC	0-I	●	1
CM100AA21	Spring Return	1 NO	0-I	●	1
CM101AA30	Stay Put	2 NO	II-0-I	●	1
CM102AA30	Stay Put	1 NO + 1 NC	II-0-I	●	1
CM101AA31	Single Spring Return	2 NO	II-0-I	●	1
CM101AA32	Double Spring Return	2 NO	II-0-I	●	1
CM102AA20	Stay Put	1 NO + 1 NC	0-I	●	1
CM100AC20	Stay Put	1 NO	0-I	●	1
CM102AC20	Stay Put	1 NO + 1 NC	0-I	●	1
CM102AC30	Stay Put	1 NO + 1 NC	II-0-I	●	1

\* Key removal position



CM707DJ40

## Joystick

Code	Type	Position	Colour	Box / Pcs
CM101DJ20	Stay Put	2 Pos.	●	1
CM101DJ21	Spring Return	2 Pos.	●	1
CM707DJ40	Stay Put	4 Pos.	●	1
CM707DJ41	Spring Return	4 Pos.	●	1



CM090XY



CM060XK



CM070XM



CM080XS

## CM Series Pilot Lights with Lamp Block

Code	Illumination	Nominal Voltage	Colour	Box / Pcs
CM050XB	LED	12 - 30V AC/DC	○	10
CM060XK	LED	12 - 30V AC/DC	●	10
CM070XM	LED	12 - 30V AC/DC	●	10
CM080XS	LED	12 - 30V AC/DC	●	10
CM090XY	LED	12 - 30V AC/DC	●	10
CM0Q0XB	LED	48V AC/DC	○	10
CM0V0XM	LED	48V AC/DC	●	10
CM0W0XS	LED	48V AC/DC	●	10
CM0X0XK	LED	48V AC/DC	●	10
CM0Z0XY	LED	48V AC/DC	●	10
CM0B0XB	LED	100-230V AC	○	10
CM0K0XK	LED	100-230V AC	●	10
CM0M0XM	LED	100-230V AC	●	10
CM0S0XS	LED	100-230V AC	●	10
CM0Y0XY	LED	100-230V AC	●	10
CM0C0XB	LED	110V AC/DC	○	10
CM0D0XK	LED	110V AC/DC	●	10
CM0E0XM	LED	110V AC/DC	●	10
CM0F0XS	LED	110V AC/DC	●	10
CM0G0XY	LED	110V AC/DC	●	10
CM0N0XB	LED	220V DC	○	10
CM0O0XK	LED	220V DC	●	10
CM0P0XM	LED	220V DC	●	10
CM0R0XS	LED	220V DC	●	10
CM0T0XY	LED	220V DC	●	10

## Spare Parts for CP/CM Series Control Units



Code	Type	Features	Colour	Box / Pcs
C1	Contact Block	1 NO	●	20
C2	Contact Block	1 NC	●	20
C1AU	Gold Plated Contact Block	1 NO	●	20
C2AU	Gold Plated Contact Block	1 NC	●	20
C11	Contact Block	2 NO	●	20
C12	Joystick Contact Block	2 NO	●	20
C22	Contact Block	2 NC	●	20
C3CK	Contact Block for Control Boxes (C Series)	1 NO	●	20
C4CK	Contact Block for Control Boxes (C Series)	1 NC	●	20
CB5 / CK5	Illumination Block with LED	12-30V AC/DC	○	20
CB6 / CK6	Illumination Block with LED	12-30V AC/DC	●	20
CB7 / CK7	Illumination Block with LED	12-30V AC/DC	●	20
CB8 / CK8	Illumination Block with LED	12-30V AC/DC	●	20
CB9 / CK9	Illumination Block with LED	12-30V AC/DC	●	20
CBQ / CKQ	Illumination Block with LED	48V AC/DC	○	20
CBX / CKX	Illumination Block with LED	48V AC/DC	●	20
CBV / CKV	Illumination Block with LED	48V AC/DC	●	20
CBW / CKW	Illumination Block with LED	48V AC/DC	●	20
CBZ / CKZ	Illumination Block with LED	48V AC/DC	●	20
CBB / CKB	Illumination Block with LED	100-230V AC	○	20
CBK / CKK	Illumination Block with LED	100-230V AC	●	20
CBM / CKM	Illumination Block with LED	100-230V AC	●	20
CBS / CKS	Illumination Block with LED	100-230V AC	●	20
CBY / CKY	Illumination Block with LED	100-230V AC	●	20
CBC / CKC	Illumination Block with LED	110V AC/DC	○	20
CBD / CKD	Illumination Block with LED	110V AC/DC	●	20
CBE / CKE	Illumination Block with LED	110V AC/DC	●	20
CBF / CKF	Illumination Block with LED	110V AC/DC	●	20
CBG / CKG	Illumination Block with LED	110V AC/DC	●	20
CBN	Illumination Block with LED	220V DC	○	20
CBO	Illumination Block with LED	220V DC	●	20
CBP	Illumination Block with LED	220V DC	●	20
CBR	Illumination Block with LED	220V DC	●	20
CBT	Illumination Block with LED	220V DC	●	20
CA	Adapter			20
CEA	Additional Adapter			10
CEB	Silicon Cover, For Single Buttons			20
CBUTONORTA	Contact Block Activator			20
CSECICIORTA	Contact Block Activator			20



CBB



CA



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
Code	B100DYOD	B100DYOY	B100DHOD	B100DHOY	B100DBOD	B100DBOY	B100DBZ	B100DBL
PRINT	CP100DYOD	CP100DYOY	CP100DHOD	CP100DHOY	CP100DBOD	CP100DBOY	CP100DBZ	CP100DBL
Code	B100DY1	B100DY2	B100DB1	B100DB2	B200DK0	B200DH0	B200DSZ	B200DSL
PRINT	CP100DY1	CP100DY2	CP100DB1	CP100DB2	CP200DK0	CP200DH0	CP200DSZ	CP200DSL
Code	MB100DY1	MB100DY2	MB100DB1	MB100DB2	MB200DK0	MB200DH0	MB200DSZ	MB200DSL
PRINT	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