

		A1200	A1600	A1700	A2500	A3200	A4000	A6300	A100.00	A200.00
Rated insulation voltage U_i	IEC947	V	400	400	690	690	690	690	690	690
	UL/CSA	V	-	-	600/300	600	600	600	600	600
	CEE24	V	380	380	500	500	500	500	500	500
Rated impulse withstand voltage U_{imp}	IEC947	kV	4	4	6	10	10	15	15	15
Thermal current I_{th}	IEC947	A	16	20	20	32	40	50	75	115
	UL/CSA General Purpose	A	-	-	20/16	32/25	40/32	60/40	85/63	125/100
Thermal current I_{the}	IEC/VDE/BS	A	16	20	20	32	40	50	75	115

RATED OPERATIONAL CURRENT I_e :

AC21A Resistive loads, including moderate overloads	IEC947	690 V	A	12 1	16 1	20	32	40	50	75	100	160			
AC1 Non-inductive or slightly inductive loads				12 1	16 1	16	25	32	40	63	100	160			
AC22A Mixed resistive and inductive loads, including moderate overloads	IEC947	3 phase/ 3 pole	230 V	kW	2,2	3,7	4	5,5	7,5	11	15	22	30		
AC3 Squirrel-cage motor: starting, switching off motor during running					400 V	3,5	5,5	7,5	10	15	18,5	22	37	45	
						500V	-	-	7,5	10	15	22	30	45	59
							690 V	-	-	7,5	10	15	22	-	-
		1 phase/ 2 pole	110 V	0,37		0,75		1,1	1,5	2,2	3,7	4	7,5	9	
230 V			1,1	1,5	2,2	3,7	5,5	7,5	7,5	11	15				
		3 phase/ 3 pole	230 V	3	4	5,5	8,5	10	15	18,5	30	40			
400 V			4	7,5	9	15	18,5	25	30	45	59				
			500 V	-	-	9	15	18,5	33	40	55	75			
690 V				-	-	9	15	18,5	33	-	-	-			
		1 phase/ 2 pole	110 V	0,75	1,1	1,1	2,2	3	3,7	5,5	9	11			
230 V			1,5	2,2	3	4	5,5	7,5	10	15	22				
	3 phase/ 3 pole	230 V	-	1,1	1,5	2,2	3	3,7	5,5	7,5	-				
400 V		-	1,75	2,2	3	5,5	6	7,5	12	-					
	Resistive Load (motor load)	CEE24	A	12 (4)	16 (6)	20 (6)	25 (10)	32 (10)	40 (10)	63 (10)	-	-			
Standard motor load	UL/CSA	3 phase/ 3 pole	200-8 V	HP	-	-	5	7,5	10	15	20	20	-		
			240 V		-	-	7,5/5 2	10	15/9,5	20	20	25/24	-		
			480 V		-	-	10	15	20/20	30	30	40/45	-		
			600 V		-	-	10	15/17	20/25	30/32,5	40/50	50/65	-		
		1 phase/ 2 pole	120	-	-	1,5	2	3/2,5	3	7,5	10/5	-			
240 V	-	-	3/2,5 2	5	7,5/4,5	10	10	15/12	-						
AC15 Control of electromagnets in a.c.	IEC947	230 V	A	4	6	7	8	10	-	-	-	-			
				3	4	5	6	8	-	-	-	-			
Rated short-time withstand current I_{cw}		A	150	240	240	400	500	600	800	1500	2000				
Rated breaking capacity AC3 (cos ϕ 0,45)	IEC947	230 V	A	72	112	136	216	252	376	464	752	1000			
				400 V	64	104	128	216	240	360	432	648	848		
Mechanical life		cycles		2x10 ⁶	2x10 ⁶	2x10 ⁶	1,5x10 ⁶	1,5x10 ⁶	1,5x10 ⁶	1x10 ⁶	2x10 ⁵	1x10 ⁵			
Electrical life		cycles		1x10 ⁶	1x10 ⁶	1x10 ⁶	1x10 ⁶	1x10 ⁶	3x10 ⁵	3x10 ⁵	5x10 ⁴	5x10 ⁴			
		No cycles/h		120	120	120	120	120	120	120	30	30			
Ambient temperature		storage C°		+30 -70											
		operation C°		-25 +55											
Resistance to climate conditions		damp heat, costant (cyclic) IEC 68 part:		2-3 (2-30)											
Permissible wire cage stranded wire flexible		mm ²		2x1,5-4	2x1,5-4	2x1,5-4	2x2,5-10	2x2,5-10	2x4-10	10-25	16-35	-			
		mm ²		2x1,5-25	2x1,5-25	2x1,5-25	2x2,5-6	2x2,5-6	2x2,5-6	6-16	10-25	50-70 4			
		AWG		16-12	16-12	16-12	14-10	14-10	14-8	10-6	10-3	1/0-2/0			

		A400.00	A630.00	
Rated insulation voltage U_i		V	690	690
Thermal current I_{th}	IEC947 UL	A	400	630
			400 3	630 3
RATED OPERATIONAL CURRENT I_e:				
AC20 Connecting and disconnecting under no-load conditions		A	400	630
TERMINALS:				
Terminals suitable for cable lug or copper bar stud with:			M12x20	M16x25

- 1** - to 400V
- 2** - CSA to 300V
- 3** - for use similar to the AC20 category
- 4** - terminal suitable for M10 studs

CA Series

CAM SWITCHES

GENERAL VIEW, REAR MOUNTING

Ø59 **R03**

On-off switch with black knob and round aluminium plate.



Ø59 A 1200
Ø59 A 1600
Ø59 A 1700
Ø59 A 2500

Ø22 **M02N**

On-off switch for central fixing, black knob command.



Ø22 A 1200
Ø22 A 1600
Ø22 A 1700

Ø22 **C01N**

On-off switch for central fixing, key command.



Ø22 A 1200
Ø22 A 1600
Ø22 A 1700

□ 52 **PL**

- 75
- 105
- 130

On-off switch with transparent tab, black legend plate, black knob.



□ 52 A 1200



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00



□ 130 A 400.00
□ 130 A 630.00

□ 52 **PG**

- 75
- 105
- 130

Emergency on-off switch with red knob and yellow plate.



□ 52 A 1200



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00



□ 130 A 400.00
□ 130 A 630.00

□ 52 **3L**

- 75
- 105
- 130

Main emergency on-off switch with padlock facility in 0 red knob and yellow plate.



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00

□ 74 **IPA**

On-off switch with grey protected tab, black knob.



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500

□ 75 **3N**

- 105
- 130

Main on-off switch with padlock facility in 0, black knob grey plate.



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00

GENERAL VIEW

□ 52 **ME**

- 75
- 105
- 130

On-off switch with door interlock device, transparent tab, black legend plate, black knob.



□ 52 A 1200



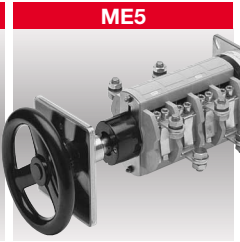
□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00



□ 130 A 400.00
□ 130 A 630.00

□ 52 **MG**

- 75
- 105
- 130

Emergency on-off switch with door interlock device, red knob and yellow plate.



□ 52 A 1200



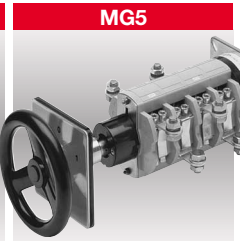
□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00



□ 130 A 400.00
□ 130 A 630.00

□ 75 **LE**

- 105
- 130

Main emergency on-off switch with door interlock device, padlock facility in 0 red knob and yellow plate.



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00

□ 75 **LN**

- 105
- 130

Main on-off switch with door interlock device, padlock facility in 0 black knob and grey plate.



□ 75 A 1200
□ 75 A 1600
□ 75 A 1700
□ 75 A 2500
□ 75 A 3200



□ 105 A 4000
□ 105 A 6300



□ 130 A 100.00
□ 130 A 200.00

ORDERING PROCEDURE

The CA Series offers a vast range of options - there are over 10,000 special versions, for a complete solution to your switching needs please contact Switchtec with your exact requirements.