



Sample image

Datasheet

Article number: 70007048

Designation: CA25B.A293.EF

Description: Switch

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
Rated insulation voltage Ui						
Voltage (V) AC / DC						
690 AC / DC						
Rated uninterrupted current Iu/Ith						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements			
32	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C			
Rated operational current Ie						
Utilization category			Voltage (V)		Current (A)	
AC-15			220 - 240		12	
AC-15			380 - 440		6	
Rated operational power						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	5,50		
AC-3	380 - 440	3	3	11		
AC-3	660 - 690	3	3	11		
AC-3	220 - 240	1	2	4		
AC-3	380 - 440	1	2	5,50		
AC-23A	220 - 240	3	3	7,50		
AC-23A	380 - 440	3	3	15		
AC-23A	660 - 690	3	3	15		
AC-23A	220 - 240	1	2	4		
AC-23A	380 - 440	1	2	7,50		
Max Fuse Rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		35	
UL60947-4-1 , UL508						
Nominal Voltage						
Voltage (V) AC / DC						
300 AC						
Rated insulation voltage Ui						
Voltage (V) AC / DC						
300 AC						
Rated thermal current						
Current (A)		Ambient temperature (°C)		Additional Text		
30		0 - 40		--		
Horsepower rating						
Across-the-Line Motor Starting	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]	
Reversing	110 - 120	1	2	1,50	40	
Reversing	220 - 240	1	2	3	40	
Reversing	277 - 277	1	2	3	40	
Reversing	110 - 120	3	3	2	40	
Reversing	220 - 240	3	3	3	40	
DOL	110 - 120	1	2	2	40	
DOL	220 - 240	1	2	5	40	
DOL	277 - 277	1	2	5	40	
DOL	110 - 120	3	3	5	40	
DOL	220 - 240	3	3	10	40	
Pilot duty rating code						
Duty Code						
A300						
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 5000 rms symmetrical amperes, 600V ac max. when protected by Class RK1 fuses.						
Temp. rating of wire						
Temperature rating (°C)			Current (A) Text			
60 - 75			-- Use copper wire only			
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	120	30	1	2	1	

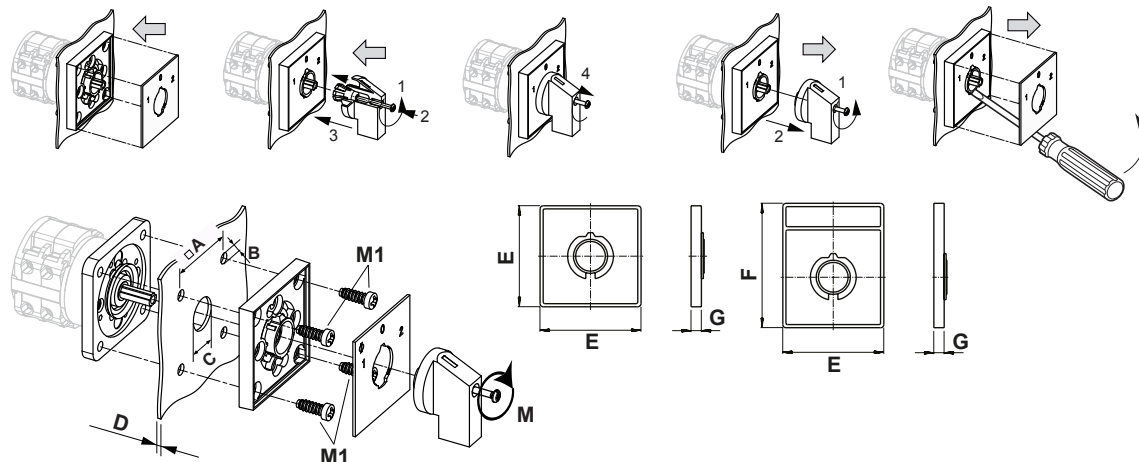
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	240	30	3	3	1	
AC	277	30	1	2	1	
CSA						
Nominal Voltage						
			Voltage (V) AC / DC			
			300 AC			
Rated insulation voltage Ui						
			Voltage (V) AC / DC			
			300 AC			
Rated thermal current						
		Current (A)	Ambient temperature (°C)		Additional Text	
		30	0 - 40		--	
Horsepower rating						
Across-the-Line Motor Starting		Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL		110 - 120	1	2	2	40
DOL		220 - 240	1	2	5	40
DOL		277 - 277	1	2	5	40
DOL		110 - 120	3	3	5	40
DOL		220 - 240	3	3	10	40
Pilot duty rating code						
Duty Code						
A300						
Temp. rating of wire						
		Temperature rating (°C)	Current (A)		Text	
		75			-- only	
General Use						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	300	30	1	1	1	
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
			tightening torque (Nm)		tightening torque (lb-in)	
			1,30		12	
Stripping length						
			Length (mm) --			
			11 STRIPPINGLENGTH			
Size of conductor						
composition of conductor		Min. / Max. value	No. of conductor per terminal		Cross section (mm²) or (AWG/kcmil)	
flexible wire		Max.	2		AWG 10	
flexible wire		Max.	2		4mm²	
Single-core or stranded wire		Max.	2		6mm²	
Single-core or stranded wire		Max.	2		AWG 8	
flexible wire with ferrule according to DIN 46228		Max.	2		4mm²	
					Copper	
Approbations						
Specification						Marking
EAC						
CE marking						
UK Directives						
CSA C.22.2 No.14						
GB/T14048.3						
Recommended screw driver						
Type of screw driver			Value			
Cross Screwdriver			PH2			
Slot screwdriver according to DIN 5264			1x5,5			
General Information						
Text						
- Do not lubricate or treat contacts.						
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.						
- Use copper wire only. Do not coat the wire end with tin.						
- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.						
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.						
Waste Electrical & Electronic Equipment (WEEE)						
Picture name		Description				
		Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com				
Proposition 65						
Picture name		Description				
		WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov .				

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-EF

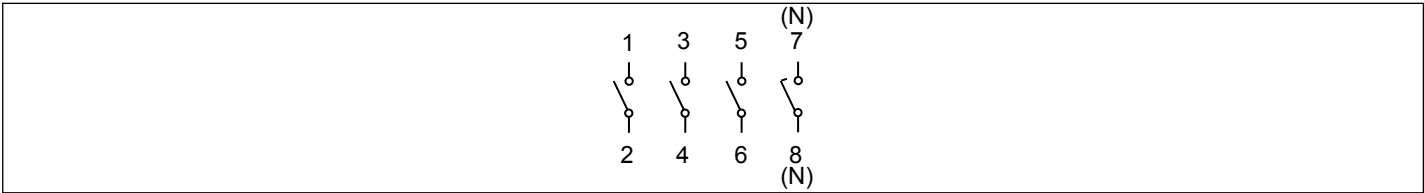


IP - Code front side		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	□	48,00 mm
B	∅	5,00 mm
C	∅	19,00 - 22,00 mm
D	H	<= 4,00 mm
E	H	64,00 mm
F	H	78,00 mm
G	H	7,40 mm
M	M	0,70 Nm
M1	M	0,90 Nm



Wiring diagram

CA25B.A293.EF



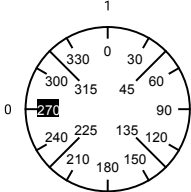
Switch program

CA25B.A293.EF



Kraus & Naimer

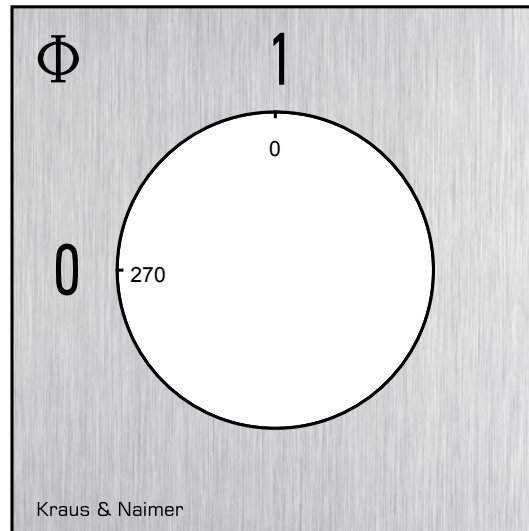
CA25B
A293
Page 1 of 1

Face Plate													
													
		1	3	5	7	9	11	13	15	17	19	21	23
   													
Switching Angle 90 Total switching Angle 90		2	4	6	8	10	12	14	16	18	20	22	24
0	270												
	285												
1	300												
	315												
	330												
	345												
	0												
	15												
	30												
	45												
	60												
	75												
	90												
	105												
120													
135													
150													
165													
180													
195													
210													
225													
240													
255													

Version: 87

Face plate

S1.F056/A1B.PEL



HANDLES

Designation: S1B.G251

Handle colour: "1" black

