



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	

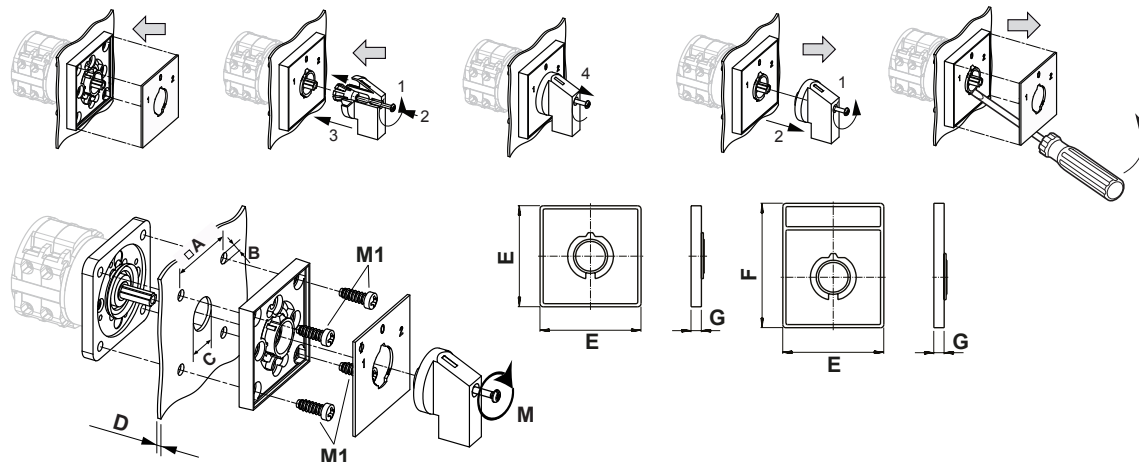
General Use								
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series			
AC	240	30	3	3	1			
AC	277	30	1	2	1			
CSA								
Nominal Voltage								
				Voltage (V)	AC / DC			
				300 AC				
Rated insulation voltage Ui								
				Voltage (V)	AC / DC			
				300 AC				
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)		Material of the wire	
flexible wire		Max.			2 AWG 10		Copper	
flexible wire		Max.			2 4mm²		Copper	
Single-core or stranded wire		Max.			2 6mm²		Copper	
Single-core or stranded wire		Max.			2 AWG 8		Copper	
flexible wire with ferrule according to DIN 46228		Max.			2 4mm²		Copper	
Approbations								
Specification								
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	M̂	0,70 Nm
M1	M̂	0,90 Nm

Wiring diagram

CA25B.A293.EF



Switch program

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Kraus & Naimer

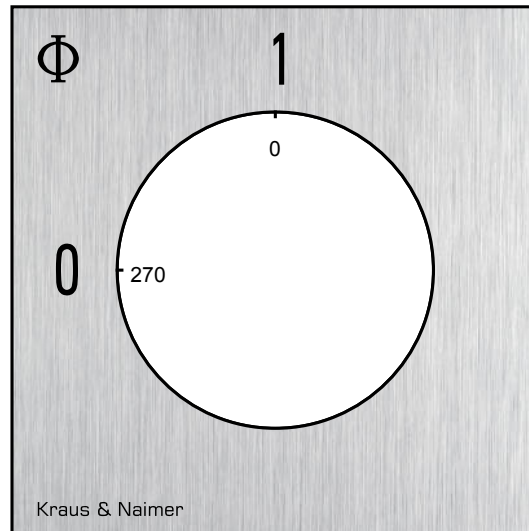
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Face Plate																									
		1		3		5		7		9		11		13		15		17		19		21		23	
																									
Switching Angle 90 Total switching Angle 90		2		4		6		8		10		12		14		16		18		20		22		24	
0	270																								
	285																								
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

