

Sample image

Datasheet

Article number: 70015180

Designation: CH10.A362.FT2

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			
20	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		6	
AC-15			380 - 440		4	
Rated operational power						
Utilization category		Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3		220 - 240	3	3	3	
AC-3		380 - 440	3	3	5,50	
AC-3		660 - 690	3	3	5,50	
AC-3		220 - 240	1	2	2,20	
AC-3		380 - 440	1	2	3	
AC-23A		220 - 240	3	3	3,70	
AC-23A		380 - 440	3	3	7,50	
AC-23A		660 - 690	3	3	7,50	
AC-23A		220 - 240	1	2	2,50	
AC-23A		380 - 440	1	2	3,70	
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		25	
UL60947-4-1 , UL508						
Nominal Voltage						
Voltage (V) AC / DC						
600 AC						
Rated insulation voltage Ui						
Voltage (V) AC / DC						
600 AC						
Rated thermal current						
Current (A)		Ambient temperature (°C)		Additional Text		
20		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	0,50	40
DOL		220 - 240	1	2	1	40
DOL		277 - 277	1	2	2	40
DOL		440 - 480	1	2	2	40
DOL		550 - 600	1	2	2	40
DOL		110 - 120	3	3	1,50	40
DOL		220 - 240	3	3	3	40
DOL		440 - 480	3	3	5	40
DOL		550 - 600	3	3	5	40
Pilot duty rating code						
Duty Code						
A600						
SCCR / Max. fuse rating						
Conditions of acceptability						
These devices are suitable for use on circuits capable of delivering not more than 5kA 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	277	20	1	1	1	
AC	600	20	1	2	1	

General Use							
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series		
AC	600	20	3	3	1		
CSA							
Nominal Voltage							
				Voltage (V) AC / DC			
				600 AC			
Rated insulation voltage Ui							
				Voltage (V) AC / DC			
				600 AC			
Rated thermal current							
		Current (A)	Ambient temperature (°C)		Additional Text		
		20	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	0,50	40
DOL			220 - 240	1	2	1	40
DOL			277 - 277	1	2	2	40
DOL			440 - 480	1	2	2	40
DOL			550 - 600	1	2	2	40
DOL			110 - 120	3	3	1,50	40
DOL			220 - 240	3	3	3	40
DOL			440 - 480	3	3	5	40
DOL			550 - 600	3	3	5	40
Pilot duty rating code							
Duty Code							
A600							
Temp. rating of wire							
			Temperature rating (°C)	Current (A)		Text	
			75			-- --	
General Use							
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series		
AC	277	20	1	1	1		
AC	600	20	1	2	1		
AC	600	20	3	3	1		
GENERAL TECHNICAL INFORMATION							
Size of conductor							
composition of conductor		Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)		Material of the wire	
solid wire		Min.	1	0.75mm²		Copper	
solid wire		Min.	2	0.75mm²		Copper	
flexible wire		Min.	1	0.75mm²		Copper	
flexible wire		Min.	2	0.75mm²		Copper	
flexible wire		Max.	2	AWG 12		Copper	
flexible wire		Max.	2	2.5mm²		Copper	
Single-core or stranded wire		Max.	2	AWG 10		Copper	
Single-core or stranded wire		Max.	2	4mm²		Copper	
flexible wire with ferrule according to DIN 46228		Min.	1	0.75mm²		Copper	
flexible wire with ferrule according to DIN 46228		Min.	2	0.75mm²		Copper	
flexible wire with ferrule according to DIN 46228		Max.	2	2.5mm²		Copper	
Stripping length							
			Length (mm) --				
							
			9				
Recommended screw driver							
Type of screw driver			Value				
Cross Screwdriver			PH1				
Slot screwdriver according to DIN 5264			0,8x4				
Tightening torque of screws							
			tightening torque (Nm)		tightening torque (lb-in)		
			1		9		
Approbations							
Specification						Marking	
EAC							
CE marking							
UK Directives							
CSA C.22.2 No.14							
GB/T14048.3							
General Information							
Text							
- Do not lubricate or treat contacts.							

General Information

Text

- 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



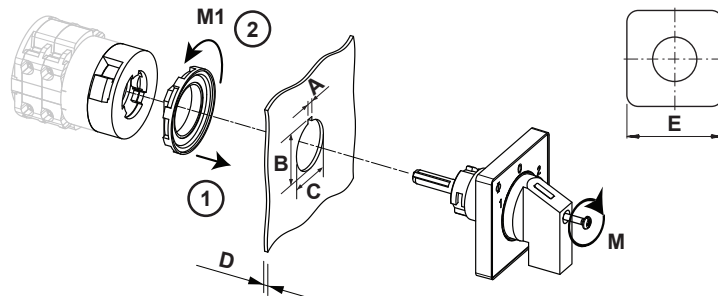
WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Mounting-FT2

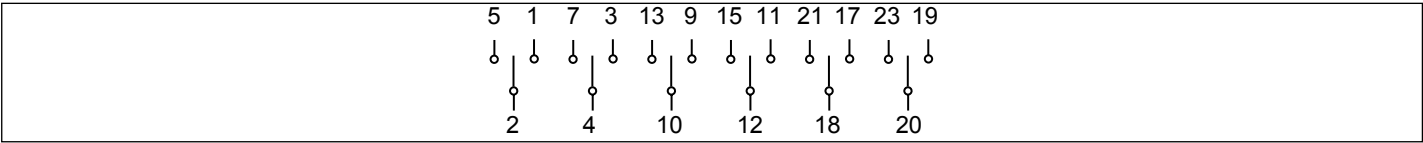


IP - Code front side		IP66, IP67, IP69k
Stages		1,00 - 12,00
A	H	3,20 mm
A+_tol.	H	0,20 mm
A-_tol.	H	0,00 mm
B	H	24,10 mm
B+_tol.	H	0,40 mm
B-_tol.	H	0,00 mm
C	Ø	22,30 mm
C+_tol.	Ø	0,40 mm
C-_tol.	Ø	0,00 mm
D	H	<= 6,00 mm
E	□	48,00 mm
M	↺	0,50 Nm
M1	↺	1,80 Nm



Wiring diagram

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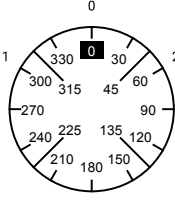
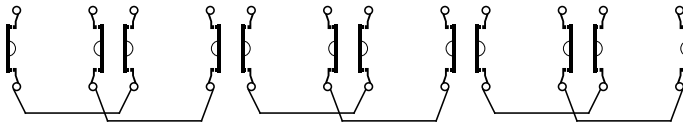
Switch program

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Kraus & Naimer

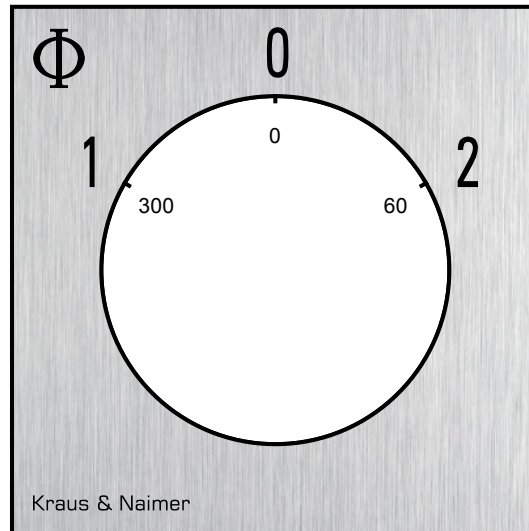
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Face Plate																									
		1		3		5		7		9		11		13		15		17		19		21		23	
																									
Switching Angle 60 Total switching Angle 120		2		4		6		8		10		12		14		16		18		20		22		24	
1		300																							
		315															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

Version: 58

Face plate

S0.F071/A10.E1L



HANDLES

Designation: S0C.G251

Handle colour: "1" black

