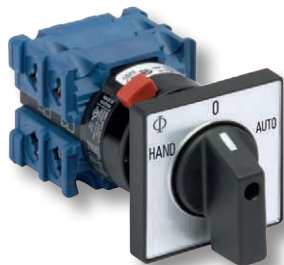


According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



Rated Thermal Current $I_U/I_{th}/I_{the}$					
			A	20	
Rated Insulation Voltage U_i ¹					
			V	690	
Rated Impulse Withstand Voltage U_{imp}					
			kV	6	
Rated Operational Current I_e					
AC-21A	Switching of resistive loads, including moderate overloads		A	20	
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads	220 V–440 V	A	20	
		500 V	A	20	
		660 V–690 V	A	16	
AC-15	Switching of control devices, contactors, valves etc.	110 V	A	5	
		220 V–240 V	A	5	
		380 V–440 V	A	4	
Rated Utilization Category					
AC-2	Slip ring motor starting, reversing and plugging, star-delta starting	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	4 7,5 10 10
		3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	3
					5,5
5,5					
AC-3	Direct-on-line starting, star-delta starting	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	3
					5,5
					5,5
		1 phase, 2 pole	110 V–120 V 220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	0,6
					2,2
AC-4	Direct-on-line starting, reversing, plugging and inching	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	0,55
					1,55
					1,55
		1 phase, 2 pole	110 V–120 V 220 V–240 V 380 V–440 V	kW	0,3
					0,75
AC-23A	Frequent switching of motors or other high inductive loads	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	3,7
					7,5
					7,5
		1 phase, 2 pole	110 V–120 V 220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	0,75
					2,5
					3,7
					4
					4
Short Circuit Protection					
Max. fuse size		gG-characteristic		A	25
Rated short-time withstand current		(1 s-current)		A	200
Max. Permissible Wire Gage - copper wires only					
			2 x		
Single-core or stranded wire			mm ²	4	
Flexible wire			mm ²	2,5	
Flexible wire with sleeving in accordance with DIN 46228			mm ²	2,5	

Miscellaneous

Minimum Voltage:	on request	
Power loss per contact at I_U:	1,4 W	
Resistance to vibration:	on request	
Resistance to shock:	min. 5 g, 30 ms	
Ambient Temperature of Stages :	open at 100 % I_U/I_{th}	55 °C during 24 hours with peaks up to 60 °C
	enclosed at 100 % I_{the}	35 °C during 24 hours with peaks up to 40 °C
Storage temperature:	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

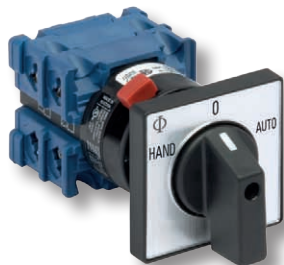
Approvals and Standards

IEC 60947
EN 60947



CH01

USA / Canada



Rated Thermal Current $I_U/I_{th}/I_{the}$				A	20
Rated Insulation Voltage U_i				V	600
Rated Operational Current I_e					
Pilot Duty:			Heavy	VAC	A600
Ampere Rating	Resistive or low inductive loads			A	20
Max. Permissible Wire Gage - copper wires only					2 x
Single-core or stranded wire				AWG	10
Flexible wire: AWG wire (without sleeving)				AWG	12
Ratings					
Standard motor load, DOL-Rating (similar AC-3)	3 phase 3 pole	110 V – 120 V	HP	1,5	
		220 V – 240 V		3	
		440 V – 480 V		5	
		550 V – 600 V		5	
	1 phase 2 pole	110 V – 120 V	HP	0,5	
		220 V – 240 V		1	
		277 V		2	
		440 V – 480 V		2	
		550 V – 600 V		2	
Heavy motor Load-reversing (similar AC-4)	3 phase 3 pole	110 V – 120 V	HP	0,5	
		220 V – 240 V		1	
		440 V – 600 V		3	
	1 phase 2 pole	110 V – 120 V	HP	0,17	
		220 V – 240 V		0,5	
		277 V		0,6	
		440 V – 600 V		1,5	

Miscellaneous

Minimum Voltage:	on request	
Power loss per contact at I_U:	1,4 W	
Resistance to vibration:	on request	
Resistance to shock:	min. 5 g, 30 ms	
Ambient Temperature of Stages :	open at 100 % I_U/I_{th}	55 °C during 24 hours with peaks up to 60 °C
	enclosed at 100 % I_{the}	35 °C during 24 hours with peaks up to 40 °C
Storage temperature:	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

Approvals and Standards

IEC 60947
EN 60947

