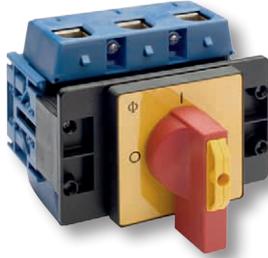


According to IEC 60947-3, EN 60947-3, VDE 0660 part 107



Rated Thermal Current $I_U/I_{th}/I_{the}$				
			A	315
Rated Insulation Voltage $U_i$ <sup>1</sup>				
			V	1000
Rated Impulse Withstand Voltage $U_{imp}$				
			kV	8
Rated Operational Current $I_e$				
AC-21A	Switching of resistive loads, including moderate overloads		A	315
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads		A	250 140
		220 V–500 V 660 V–690 V		
Rated Utilization Category				
AC-3	Direct-on-line starting	3 phase, 3 pole	kW	45 75 90 45
		220 V–240 V 380 V–440 V 500 V 660 V–690 V		
AC-23A	Frequent switching of motors or other high inductive loads	3 phase, 3 pole	kW	55 110 132 45
		220 V–240 V 380 V–440 V 500 V 660 V–690 V		
Short Circuit Protection				
Max. fuse size		gG-characteristic	A	315
Rated short-time withstand current		(1 s-current)	A	5800
For connections with insulated ring and fork type cable terminal - copper wires only				
	Single-core or stranded wire		mm <sup>2</sup>	185
	Flexible wire		mm <sup>2</sup>	150
	Flexible wire with sleeving in accordance with DIN 46228		mm <sup>2</sup>	120
For connections with cable terminal or copper busbar:				
	Connecting screw		mm	M12x20
	max. width		mm	25
	max. width with protective cover		mm	34

<sup>1</sup> Valid for lines with grounded common neutral termination, overvoltage category III, Other values on request.

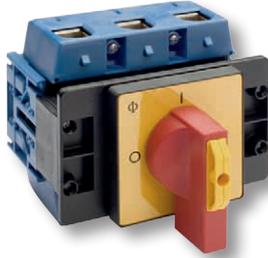
### Miscellaneous

<b>Minimum Voltage:</b>	on request	
<b>Power loss per contact at <math>I_U</math>:</b>	12,7 W	
<b>Resistance to vibration:</b>	on request	
<b>Resistance to shock:</b>	on request	
<b>Ambient Temperature of Stages :</b>	open at 100 % $I_U/I_{th}$	50 °C during 24 hours with peaks up to 55 °C
	enclosed at 100 % $I_{the}$	35 °C during 24 hours with peaks up to 40 °C
<b>Storage temperature:</b>	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

### Approvals and Standards

IEC 60947 EN 60947	KG315: 	KG316/ KG317: 		 GB14048.3	
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### USA / Canada



<b>Rated Thermal Current <math>I_U/I_{th}/I_{the}</math></b>				A	315
<b>Rated Insulation Voltage <math>U_i</math></b>				V	600
<b>Rated Operational Current <math>I_e</math></b>					
Pilot Duty:			Heavy	VAC	A600
Ampere Rating	Resistive or low inductive loads	ON/OFF	600 V	A	300
<b>Max. Permissible Wire Gage - copper wires only</b>					
Single-core or stranded wire				MCM	350
Flexible wire: AWG wire (without sleeving)				MCM	300
<b>Ratings</b>					
Standard motor load, DOL-Rating (similar AC-3)		3 phase 3 pole	110 V – 120 V 220 V – 240 V 440 V – 480 V 550 V – 600 V	HP	40 75 100 100

### Miscellaneous

<b>Minimum Voltage:</b>	on request	
<b>Power loss per contact at <math>I_U</math>:</b>	12,7 W	
<b>Resistance to vibration:</b>	on request	
<b>Resistance to shock:</b>	on request	
<b>Ambient Temperature of Stages :</b>	open at 100 % $I_U/I_{th}$	50 °C during 24 hours with peaks up to 55 °C
	enclosed at 100 % $I_{the}$	35 °C during 24 hours with peaks up to 40 °C
<b>Storage temperature:</b>	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

### Approvals and Standards

IEC 60947 EN 60947	KG315: 	KG316/ KG317: 		 GB14048.3	 CH01
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