



Sample image

Datasheet

Article number: 70011289

Designation: KG315.T103/05.E

Description: Switch Global Disconnector

Rated insulation volta		E 0660 Teil 107						
Nateu Ilisulation voita	ige oi			Voltage (V) AC / D	ic .			
				1000 AC				
Rated uninterrupted o								
Current (A)	Ambie	ent temperature (°C)	Peak temperatur	e (°C) additional re				
315		50		55 Ambient ter	nperature +50°C	during 24 hours w	rith peaks up to +55°C	
Rated operational pov	wer							
Utilization category			Voltage (V)	٨	lo. of phases		No. of poles	Power (kV
AC-3			220 - 240		3		3	4
AC-3			380 - 440		3		3	7
AC-3			660 - 690		3		3	
AC-23A AC-23A			220 - 240 380 - 440		3		3	11
AC-23A AC-23A			660 - 690		3		3	4
Max Fuse Rating IEC			000 070		<u></u>		J	
Fuse characteristic						No. of Fu	ses	Current (A
qG							1	31
	II E00							
UL60947-4-1 , U	JLOUB							
Nominal Voltage				Voltage (V) AC / D	10			
				600 AC	lC .			
Rated insulation volta	ana Ili			000 AC				
Nated initialiation voita	ige oi			Voltage (V) AC / D	IC.			
				600 AC	.0			
Rated thermal current	t			000 7.0				
		Current	(A)		Ambient tempera	ature (°C) Additio	nal Text	
			800			0 - 40		
Horsepower rating						-		
Across-the-Line Motor	r Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C
DOL				110 - 120	1	2	20	4
DOL				220 - 240	1	2	35	4
				277 - 277	1	2	35	4
						2	50	
DOL				440 - 480	1			
DOL DOL				550 - 600	1	2	60	4
DOL DOL DOL				550 - 600 110 - 120	1	3	40	4 4
DOL DOL DOL DOL				550 - 600 110 - 120 220 - 240	1 3 3	3	40 75	41 41 41
DOL DOL DOL DOL DOL				550 - 600 110 - 120 220 - 240 440 - 480	1 3 3 3	3 3 3	40 75 100	4 4 4 4
DOL DOL DOL DOL DOL DOL	ina			550 - 600 110 - 120 220 - 240	1 3 3	3	40 75	4 4 4 4
DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati				550 - 600 110 - 120 220 - 240 440 - 480	1 3 3 3	3 3 3	40 75 100	4) 4) 4) 4)
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta.	bility	its canable of delivering	not more than 10kΔ rms	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	1 3 3 3 3 3	3 3 3 3	40 75 100 100	4 4 4 4
DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta This device is suitable	bility e for use on circu		not more than 10kA rms :	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical ampe	1 3 3 3 3 3 3	3 3 3 3	40 75 100 100 by Type RK1 fuses.	4) 4) 4) 4)
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	bility e for use on circu		n 65000 rms symmetrical	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical ampe	1 3 3 3 3 3 3 res, 600V ac max max., when protect	3 3 3 3	40 75 100 100 by Type RK1 fuses.	40 44 40 40 40 40
DOL DOL DOL DOL DOL DOL DOL This device is suitable Suitable for use on a condition of accepta.	bility e for use on circu	delivering not more tha	n 65000 rms symmetrical	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical ampe	1 3 3 3 3 3 3 res, 600V ac max max., when protect	3 3 3 3 3 when protected by 400A Class	40 75 100 100 by Type RK1 fuses.	4) 4) 4) 4)
DOL DOL DOL DOL DOL DOL DOL This device is suitable Suitable for use on a company of the company	bility e for use on circu circuit capable of	delivering not more tha	n 65000 rms symmetrical °C) 75	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical ampe	1 3 3 3 3 3 3 res, 600V ac max max., when protect	3 3 3 3 3 when protected toted by 400A Classurrent (A) Text	40 75 100 100 by Type RK1 fuses.	4) 4) 4) 4)
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta. This device is suitable Suitable for use on a c Temp. rating of wire General Use AC / DC	bility e for use on circu circuit capable of Voltage (V)	delivering not more tha Temperature rating (Current (A)	°C) 75 No. of phases	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical amper amperes at 600V i	res, 600V ac max max., when protect	3 3 3 3 3 when protected toted by 400A Classurrent (A) Text	40 75 100 100 by Type RK1 fuses.	4) 4) 4) 4)
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta This device is suitable Suitable for use on a c Temp. rating of wire General Use AC / DC AC	bility e for use on circu circuit capable of Voltage (V) 277	delivering not more tha Temperature rating (Current (A) 300	°C) 75 No. of phases 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical amperamperes at 600V i	res, 600V ac max max., when protect	3 3 3 3 3 when protected toted by 400A Classurrent (A) Text	40 75 100 100 by Type RK1 fuses.	4 4 4 4
DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta This device is suitable Suitable for use on a c Temp. rating of wire General Use AC / DC AC	bility e for use on circu circuit capable of Voltage (V) 277 600	Temperature rating (Current (A) 300 300	n 65000 rms symmetrical CO No. of phases 1 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical ampe amperes at 600V i	res, 600V ac max. max., when protect	3 3 3 3 3 when protected toted by 400A Classurrent (A) Text	40 75 100 100 by Type RK1 fuses.	A 4 4 4 4 No. of contacts in serie
DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta This device is suitable Suitable for use on a c Temp. rating of wire General Use AC / DC AC AC	bility e for use on circu circuit capable of Voltage (V) 277	delivering not more tha Temperature rating (Current (A) 300	°C) 75 No. of phases 1	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical ampe amperes at 600V i	res, 600V ac max max., when protect	3 3 3 3 3 when protected toted by 400A Classurrent (A) Text	40 75 100 100 by Type RK1 fuses.	4 4 4 4
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DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse rati Conditions of accepta This device is suitable Suitable for use on a co Temp. rating of wire General Use AC / DC AC AC AC General Information Text - The operating handle	bility e for use on circu circuit capable of Voltage (V) 277 600 600 e and position inc	Current (A) 300 300 300 dicating means to be use	No. of phases 1 3 3	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical amperamperes at 600V i	res, 600V ac max max., when protect	when protected leted by 400A Class	40 75 100 100 by Type RK1 fuses. s J fuses.	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
DOL	bility e for use on circu circuit capable of Voltage (V) 277 600 600 e and position inc	Current (A) 300 300 300 dicating means to be use	No. of phases 1 3 3 ad with these manual mot	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical amperamperes at 600V i	res, 600V ac max max., when protect	when protected leted by 400A Class	40 75 100 100 by Type RK1 fuses. s J fuses.	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
DOL	bility e for use on circu circuit capable of Voltage (V) 277 600 600 e and position inc	Current (A) 300 300 300 dicating means to be use	No. of phases 1 3 wet with these manual mote	550 - 600 110 - 120 220 - 240 440 - 480 550 - 600 symmetrical amperamperes at 600V i	res, 600V ac max, max, when protect Co	when protected leted by 400A Class	40 75 100 100 by Type RK1 fuses. s J fuses.	No. of contacts in serie



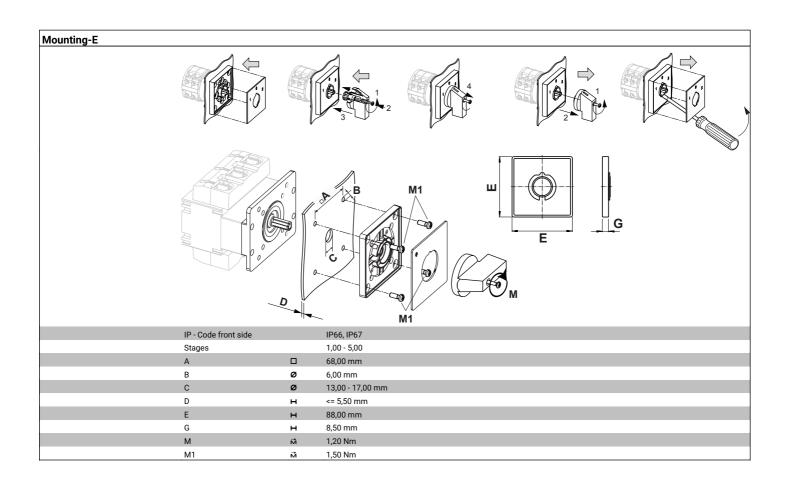
Rated insulation voltage Ui								
				Voltage (V) AC / E 600 AC	OC .			
Rated thermal current				000 AC				
		Current (A) 300			Ambient tempera	ture (°C) Addition	nal Text	
Horsepower rating								
Across-the-Line Motor Starting				Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature
DOL DOL				110 - 120 220 - 240	1	2 2	20 35	
DOL				277 - 277	1	2	35	
DOL				440 - 480	1	2	50	
DOL				550 - 600	1	2	60	
DOL				110 - 120	3	3	40	
DOL				220 - 240	3	3	75	
DOL DOL				440 - 480	3	3	100 100	
Temp. rating of wire				550 - 600	3	3	100	
remp. rusing or wire	Temperatu	re rating (°C)			Cu	rrent (A) Text		
General Use		75						
AC / DC Voltage			No. of phases	No. of pole				No. of contacts in se
	277 300		1		1			
	500 300 500 300		1 3		3			
•			3		3			
GENERAL TECHNICAL Size of conductor	INFURMATION							
composition of conductor		Min. / Max. v	valuo	No of an	nductor per termir	Cross section	n (mm²) or	Material of the wire
solid wire		Min.	alue	NO. OF CO	nductor per terriir	1 16mm²		Copper
flexible wire		Max.				1 MCM 300		Copper
flexible wire		Max.				1 150mm²		Copper
flexible wire		Min.				1 25mm²		Copper
Single-core or stranded wire		Max.				1 185mm²		Copper
Single-core or stranded wire		Max.				1 MCM 350		Copper
flexible wire with sleeve flexible wire with ferrule accord	ing to DIN 46228	Max. Min.				1 120mm ² 1 16mm ²		Copper Copper
Stripping length	g to Dift 40220					· TOTAL		σορμοι
			L	ength (mm) -	-			
Recommended screw driver				22	-			
Type of screw driver				Value				
Hex key				6				
			tightoning t					tightoning torque (Ib
Hex key			tightening t	orque (Nm)				tightening torque (lb
Hex key Tightening torque of screws Approbations			tightening t					
Hex key Tightening torque of screws			tightening t	orque (Nm)				
Hex key Tightening torque of screws Approbations Specification			tightening t	orque (Nm)				
Hex key Tightening torque of screws Approbations			tightening t	orque (Nm)				
Hex key Tightening torque of screws Approbations Specification			tightening t	orque (Nm)				
Hex key Tightening torque of screws Approbations Specification EAC			tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC			tightening t	orque (Nm)				
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives			tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking			tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14			tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3			tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14			tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information	cts.		tightening t	orque (Nm)				Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text		nto operation l		orque (Nm) 16	ccepted rules of te	echnology.		Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta	d, connected and set i			orque (Nm) 16	ccepted rules of te	echnology.		Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not of the company of the copper wire only.	d, connected and set i coat the wire end with umper links are tighter	tin. ned during prod	by qualified persons duction. Take care di	according to the accord	·		lost by undoing bot	Mark
Hex key Tightening torque of screws Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not oc - Terminals with factory fitted ju all terminal screws must be tig	d, connected and set i coat the wire end with umper links are tighter ghtened to recommend	tin. ned during prod	by qualified persons duction. Take care di	according to the accord	·		lost by undoing bot	Mark C G GBIT
Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not of control in the complete of the complete of the complete only. Terminals with factory fitted all terminal screws must be tig Waste Electrical & Electronic E	d, connected and set i coat the wire end with umper links are tighter ghtened to recomment quipment (WEEE)	tin. ned during prod	by qualified persons duction. Take care di	according to the accord	·		lost by undoing bot	Mark C G GBIT
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Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not c - all terminal screws must be tig Waste Electrical & Electronic E Picture name Description	d, connected and set i coat the wire end with umper links are tighter ghtened to recomment quipment (WEEE)	tin. ned during prod ded torque spe	by qualified persons duction. Take care d acifications.	according to the acuring installation to	ensure factory fit	ted links are not		Mark GRITT th sides of linked terminals. After wire
Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not c - all terminal screws must be tig Waste Electrical & Electronic E Picture name Description	d, connected and set i coat the wire end with umper links are tighter ghtened to recomment quipment (WEEE)	tin. ned during prod ded torque spe	by qualified persons duction. Take care d acifications.	according to the acuring installation to	ensure factory fit	ted links are not		Mark C G GBIT
Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not or - Terminals with factory fitted ju all terminal screws must be tig Waste Electrical & Electronic E Picture name Description Do not thro return to th	d, connected and set is coat the wire end with umper links are tighter ghtened to recommend quipment (WEEE) w in the trash as care e supplier for disposal	tin. ned during prod ded torque spe	by qualified persons duction. Take care d acifications.	according to the acuring installation to	ensure factory fit	ted links are not		Mark GRITT th sides of linked terminals. After wire
Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 General Information Text - Do not lubricate or treat conta - Switches may only be mounte - Use copper wire only. Do not contain the second of the s	d, connected and set is coat the wire end with sumper links are tighter ghtened to recomment quipment (WEEE) w in the trash as care e supplier for disposal	tin. ned during prod ded torque spe must be taken l; or return dire	by qualified persons duction. Take care d ecifications. I to ensure environm ct to the manufactur	according to the acuring installation to	o ensure factory fit osal and recycling. . You can find loca	ted links are not Please either us al Kraus & Naime	e an environmental er offices at www.kr	Mark GRITT th sides of linked terminals. After wire

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver



Classification Terminal: Screw terminal





Wiring diagram KG315.T303.E

1/L1 3/L2 5/L3 2/T1 4/T2 6/T3

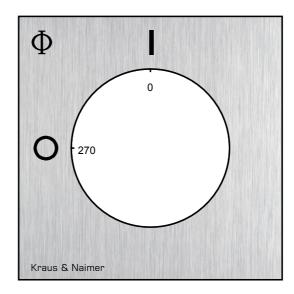


Switch program KG315.T303.E

A 1/2 0 A	1 - 1							
Traus & Naimer			KG315 T303		Page '			1 of 1
Face Plate								
1	1/L1 1	3/L2 3	5/L3 5	7	9	11	13	15
0 270 90	\	\	\					
Switching Angle 90 Total switching Angle 90	2 2/T1	4 4/T2	6 6/T3	8	10	12	14	16
	270	7/14	5/13					
1	0							
	90							
	180							
								sion: 84



Face plate S1.F456/A10.M1H





A ☐ 68,00 mm B Ø 6,00 mm C Ø 13,00 - 19,00 mm D H <= 5,50 mm H Ø 4,00 - 8,00 mm M № 1,20 Nm

PADLOCK DEVICE

Designation: S2.V845/A11/A12

Face plate and handle unit: "A" face plate/alu, frame/black, handle/black, locking push rod/red Locking position: "1" at 270°+90° - knockouts

every 45°

Angular displacement: "1" 1 x 90°

Type of mounting: "A" for type of mounting E
Type of version: "1" for same switch size
Switch type: "2" for KA-, KG- and KH(R)-switches