



Sample image

### **Datasheet**

Article number: 70010029 Designation: KG160.T104/04.E

**Description:** Switch Global Disconnector

		DE 0660 Teil 107						
Rated insulation v	voitage UI			Voltage (V) AC / D	00			
				1000 AC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Rated uninterrupt	ted current lu/lth			1000 710				
Current (A)		ent temperature (°C)	Peak temperatu	re (°C) additional re	equirements			
160		50	•			during 24 hours v	vith peaks up to +55°C	
Rated operational	l current le							
Utilization categor					Vo	Itage (V)		Current (A
AC-32A						20 - 400		160
Rated operational	l power							
Utilization categor	ry		Voltage (V)	٨	lo. of phases		No. of poles	Power (kW
AC-3			220 - 240		3		3	30
AC-3			380 - 440		3		3	4
AC-3			660 - 690		3		3	3.
AC-23A			220 - 240		3		3	31
AC-23A			380 - 440		3		3	55
AC-23A			660 - 690		3		3	37
Max Fuse Rating								
Fuse characteristi	C					No. of Fu		Current (A)
gG							1	160
UL60947-4-1	, UL508							
Nominal Voltage	,							
				Voltage (V) AC / D	OC .			
				600 AC				
Rated insulation v	voltage Ui							
	•			Voltage (V) AC / D	nc			
				Voltage (V) 710 / E	,0			
				600 AC	,,,			
Rated thermal cu	rrent				,,,			
Rated thermal cu	rrent	Curre	ent (A)		Ambient tempera			
Rated thermal cu	rrent	Curre	ent (A) 200			0 - 40 ON-OF	F switch (Valid when con	nected with wire rated for 75°C)
Rated thermal cu	rrent	Curre	200			0 - 40 ON-OF	F switch (Valid when con	nected with wire rated for 75°C)
		Curre				0 - 40 ON-OF	F switch (Valid when con	
Horsepower ratin	g	Curre	200	600 AC	Ambient tempera	0 - 40 ON-OFI Change 0 - 40 75°C)	F switch (Valid when con e over switch (Valid when	connected with wire rated for
Horsepower ratin Across-the-Line M	g	Curre	200	600 AC  Voltage (V)	Ambient tempera	0 - 40 ON-OFI Change 0 - 40 75°C)	F switch (Valid when con e over switch (Valid when Power (HP)	connected with wire rated for  Ambient temperature [°C,
Horsepower ratin Across-the-Line M DOL	g	Curre	200	Voltage (V)	Ambient tempera  No. of phases	0 - 40 ON-OFI Change 0 - 40 75°C) No. of poles 2	F switch (Valid when con e over switch (Valid when Power (HP) 10	connected with wire rated for  Ambient temperature [°C,
Horsepower ratin Across-the-Line M DOL DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240	Ambient tempera	0 - 40 ON-OFI Change 0 - 40 75°C) No. of poles 2 2	F switch (Valid when con e over switch (Valid when Power (HP) 10 25	connected with wire rated for  Ambient temperature [*C 44 44 44
Horsepower ratin Across-the-Line M DOL DOL DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277	Ambient tempera	0 - 40 ON-OFI Chang 0 - 40 75°C)  No. of poles 2 2 2	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25	Ambient temperature [°C, 40, 40, 40, 40, 40, 40, 40, 40, 40, 40
Horsepower ratin Across-the-Line M DOL DOL DOL DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480	No. of phases  1 1 1	0 - 40 ON-OFI Change 0 - 40 75°C) No. of poles 2 2 2 2	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25 40	Ambient temperature [°C, 40, 40, 40, 40, 40, 40, 40, 40, 40, 40
Horsepower ratin Across-the-Line M DOL DOL DOL DOL DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600	No. of phases  1 1 1 1	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 2	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25 40 40	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL DOL DOL DOL DOL DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120	No. of phases  1  1  1  3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25 40 40 20	Ambient temperature [*C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL DOL DOL DOL DOL DOL DOL DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240	No. of phases  1 1 1 3 3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 2 3 3	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25 40 40 20 40	Ambient temperature [°C] 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480	No. of phases  1 1 1 1 3 3 3 3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25 40 40 20 40 75	Ambient temperature [°C, 40, 40, 40, 40, 40, 40, 40, 40, 40, 40
Horsepower ratin Across-the-Line M DOL	g	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480	No. of phases  1 1 1 1 3 3 3 3 3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 40 75 75	Ambient temperature [*C] 40 40 40 40 40 40 40 60
Horsepower ratin Across-the-Line M DOL	<b>g</b> lotor Starting	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480	No. of phases  1 1 1 1 3 3 3 3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3	F switch (Valid when con e over switch (Valid when Power (HP) 10 25 25 40 40 20 40 75	Ambient temperature [*0, 40 40 40 40 40 40 60 60 60 60 60 60 60 60 60 60 60 60 60
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating	Curre	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480	No. of phases  1 1 1 1 3 3 3 3 3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 40 75 75	Ambient temperature [°C] 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g lotor Starting : rating eptability		200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480 550 - 600	No. of phases  1 1 1 3 3 3 3 3 3	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating eptability lable for use on circu	uits capable of deliveri	200 160 ng not more than 10kA rms	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max.	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating eptability table for use on circu	uits capable of deliveri	200	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max.	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [*0, 40 40 40 40 40 40 60 60 60 60 60 60 60 60 60 60 60 60 60
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating eptability table for use on circu	uits capable of deliveri f delivering not more t	ng not more than 10kA rms han 65000 rms symmetrica	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max.	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 3 when protected ted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating eptability table for use on circu	uits capable of deliveri	200 160  ng not more than 10kA rms han 65000 rms symmetrica $g(^{\circ}C)$	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max.	0 - 40 ON-OFI Change 0 - 40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating eptability table for use on circu	uits capable of deliveri f delivering not more t	ng not more than 10kA rms han 65000 rms symmetrica	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max.	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL	g lotor Starting e rating eptability table for use on circu n a circuit capable o vire	uits capable of deliveri f delivering not more t Temperature ratin	ng not more than 10kA rms han 65000 rms symmetrica	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 244 440 - 480 440 - 480 550 - 600 symmetrical amper	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max., when protec	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 44 44 44 44 44 44 44 44 44 44 44 44
Horsepower ratin Across-the-Line M DOL	g Plotor Starting Prating Perating Pera	uits capable of deliveri f delivering not more t Temperature ratin Current (A)	200 160  ng not more than 10kA rms han 65000 rms symmetrica $g(^{\circ}C)$	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480 550 - 600  symmetrical amper	No. of phases  1 1 1 1 1 3 3 3 3 3 res, 600V ac max. max., when protect	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 44 44 44 44 44 44 44 44 44 44 44 44
Horsepower ratin Across-the-Line M DOL	g lotor Starting rating eptability table for use on circu n a circuit capable o rire  Voltage (V) 277	uits capable of deliveri f delivering not more t Temperature ratin	ng not more than 10kA rms han 65000 rms symmetrical g (°C) 75  No. of phases	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480 550 - 600  symmetrical amper	No. of phases  1 1 1 1 3 3 3 3 3 res, 600V ac max., when protec	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 44 44 44 44 44 44 44 44 44 44 44 44
Horsepower ratin Across-the-Line M DOL	g lotor Starting  rating eptability table for use on circu n a circuit capable o vire  Voltage (V) 277 600	uits capable of deliveri f delivering not more t Temperature ratin Current (A) 200 200	ng not more than 10kA rms han 65000 rms symmetrical g (*C) 75  No. of phases 1	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480 550 - 600 symmetrical ampel	No. of phases  1 1 1 1 3 3 3 3 res, 600V ac max. max., when protect	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [*C 40 44 44 44 44 46 46 46 46 46 46 46 46 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48
Horsepower ratin Across-the-Line M DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acce This device is suit Suitable for use o Temp. rating of w General Use AC / DC AC AC AC	g lotor Starting rating eptability table for use on circu n a circuit capable o rire  Voltage (V) 277	uits capable of deliveri f delivering not more t Temperature ratin Current (A) 200	ng not more than 10kA rms han 65000 rms symmetrical g (°C) 75  No. of phases	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 440 - 480 550 - 600 symmetrical ampel	No. of phases  1 1 1 1 3 3 3 3 res, 600V ac max. max., when protect	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [*C 40 44 44 44 44 46 46 46 46 46 46 46 46 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48
Horsepower ratin Across-the-Line M DOL	g lotor Starting erating eptability table for use on circu n a circuit capable o vire  Voltage (V) 277 600 600	uits capable of deliveri f delivering not more t Temperature ratin Current (A) 200 200 200	ng not more than 10kA rms han 65000 rms symmetrica  g (°C) 75  No. of phases 1 1 3	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600  symmetrical amper	No. of phases  1 1 1 1 3 3 3 3 res, 600V ac max. max., when protect  Cu	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [°C 40 40 40 40 40 40 40 40 40 40 40 40 40
Horsepower ratin Across-the-Line M DOL DOL DOL DOL DOL DOL DOL DOL DOL SCCR / Max. fuse Conditions of acci This device is suit Suitable for use o Temp. rating of w  General Use AC	g lotor Starting  rating eptability table for use on circu n a circuit capable o vire  Voltage (V) 277 600	uits capable of deliveri f delivering not more t Temperature ratin Current (A) 200 200	ng not more than 10kA rms han 65000 rms symmetrical g (*C) 75  No. of phases 1	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600  symmetrical amper	No. of phases  1 1 1 1 3 3 3 3 res, 600V ac max. max., when protect	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [*0, 40 40 40 40 40 40 60 60 60 60 60 60 60 60 60 60 60 60 60
Horsepower ratin Across-the-Line M DOL	g lotor Starting erating eptability table for use on circu n a circuit capable o vire  Voltage (V) 277 600 600	uits capable of deliveri f delivering not more t Temperature ratin Current (A) 200 200 200	ng not more than 10kA rms han 65000 rms symmetrica  g (°C) 75  No. of phases 1 1 3	Voltage (V) 110 - 120 220 - 240 277 - 277 440 - 480 550 - 600 110 - 120 220 - 240 440 - 480 550 - 600  symmetrical amper	No. of phases  1 1 1 1 3 3 3 3 res, 600V ac max. max., when protect  Cu	0-40 ON-OFI Change 0-40 75°C)  No. of poles 2 2 2 2 2 3 3 3 3 3 when protected atted by 300A Class	F switch (Valid when con e over switch (Valid when Power (HP)  10 25 25 40 40 20 40 75 75 60	Ambient temperature [*C, 40, 40, 40, 40, 40, 40, 40, 40, 40, 40



General Use									
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of pole	s			No. of con	tacts in series
AC double-									
throw function	600	160	3		3				1
General Information			*		-				
Text									
- The operating hand	dle and position in	dicating means t	to be used with these manual	motor controllers shou	ld be provided fron	n the manufact	urer, or the operat	ting handle and position indi	cating means
			combination with the manual		·				J
CSA									
Nominal Voltage									
Nonlina Voltage				Voltage (V) AC / E	ır				
				600 AC					
Rated insulation vol	Itane Ui			000 AC					
nated insulation voi	itage of			Voltage (V) AC / L	ıc.				
				600 AC					
Rated thermal curre	ent								
			Current (A)		Ambient temperatu	ıre (°C) Additio	onal Text		
			200		•	0-40 -			
Horsepower rating									
Across-the-Line Moto	or Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient tei	mperature [°C]
DOL				110 - 120	1	2	10		40
DOL				220 - 240	1	2	25		40
DOL				277 - 277	1	2	25		40
DOL				440 - 480	1	2	40		40
DOL				550 - 600	1	2	40		40
DOL				110 - 120	3	3	20		40
DOL				220 - 240	3	3	40		40
DOL				440 - 480	3	3	75		40
DOL				550 - 600	3	3	60		40
Temp. rating of wire	e	- ·	(00)			. (A) T .			
		Temperature			Curi	rent (A) Text			
General Use			75						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of pole				No of con	tacts in series
AC / DC	277	200	No. or priases	•	1			No. or con	1 acts iii series
AC	600	200	1		2				1
AC	600	200	3		3				1
			<u> </u>		<u> </u>				
GENERAL TECH	HNICAL INFO	RMATION							
Size of conductor									
				•					
composition of cond	ductor		Min / Max value	No. of co	nductor ner termina	Cross sectio	n (mm²) or \	Material of the wire	
composition of cond	ductor		Min. / Max. value	No. of co	nductor per termina	ıl (AWG/kcmil)	n (mm²) or )	Material of the wire	
solid wire	ductor		Min.	No. of co		il (AWG/kcmil) 1 6mm²	n (mm²) or )	Copper	
solid wire flexible wire	ductor		Min. Max.	No. of co	•	il (AWG/kcmil) 1 6mm² 1 70mm²	n (mm²) or )	Copper Copper	
solid wire	ductor		Min.	No. of co	·	il (AWG/kcmil) 1 6mm²	n (mm²) or )	Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire			Min. Max. Min.	No. of co	·	l (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm²	n (mm²) or )	Copper Copper Copper Copper	
solid wire flexible wire flexible wire	ded wire		Min. Max. Min. Max.	No. of co		II (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm²	n (mm²) or	Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or strance	ded wire ded wire		Min. Max. Min. Max. Max.	No. of co		II (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 4WG 2/0 1 95mm²	n (mm²) or	Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or strand Single-core or strand	ded wire ded wire eeve	DIN 46228	Min. Max. Min. Max. Max. Max.	No. of co		II (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0	n (mm²) or	Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or strand Single-core or strand flexible wire with sle	ded wire ded wire eeve	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.			I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with feri	ded wire ded wire eeve	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.	No. of co		I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with feri	ded wire ded wire eeve	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.			I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with feri	ded wire ded wire eeve	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.			I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with fer Stripping length	ded wire ded wire seve rrule according to l	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.	Length (mm) -		I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with feri	ded wire ded wire eeve rrule according to I	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.	Length (mm) -		I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with feri Stripping length  Recommended scre	ded wire ded wire eeve rrule according to I	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 18		I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with fer Stripping length  Recommended scre Type of screw driver	ded wire ded wire seve rrule according to I	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Max. Max.	Length (mm) 18Value		I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper Copper Copper Copper Copper Copper Copper Copper	
solid wire flexible wire flexible wire flexible wire Single-core or stranc Single-core or stranc flexible wire with sle flexible wire with fer Stripping length  Recommended scre Type of screw driver Hex key	ded wire ded wire seve rrule according to I	DIN 46228	Min. Max. Min. Max. Max. Max. Max. Min.	Length (mm) 18Value		I (AWG/kcmil) 1 6mm² 1 70mm² 1 16mm² 1 16mm² 1 AWG 2/0 1 95mm² 1 AWG 3/0 1 70mm²	n (mm²) or	Copper	ą torque (Ib-in)
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#### 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.

#### 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

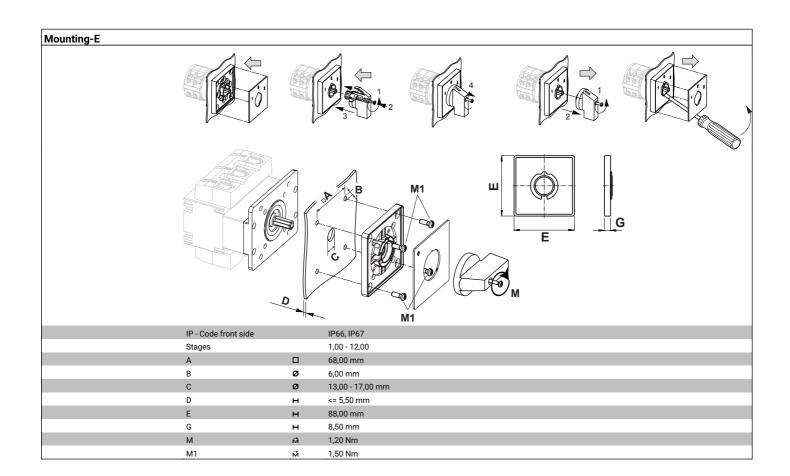
Proposition 65

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





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KG160.T304.E

1/L1 3/L2 5/L3 N

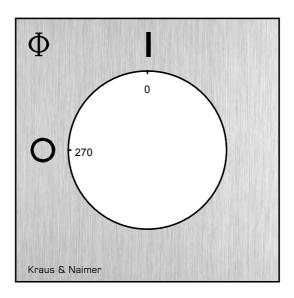


# Switch program KG160.T304.E

Maus & N	Vaimer	nimer KG160 T304						Page 1 of 1	
Face Plate									
1	1/L1 1	3/L2 3	5/L3 5	N 7	9	11	13	15	
0 276 90 -	\	\	\	\\ \					
Switching Angle 90	2	4	6	8	10	12	14	16	
Total switching Angle 90	2/T1 270	4/T2	6/T3	N					
0	270								
1	0								
	90								
	180								



## Face plate S1.F456/A10.M1H





## 

### **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