

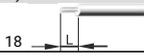


Sample image

## Datasheet

**Article number:** 70021126  
**Designation:** KG125.T203/58.VE2  
**Description:** Switchgear

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107						
<b>Rated insulation voltage Ui</b>						
Voltage (V) AC / DC						
1000 50/60Hz						
<b>Rated uninterrupted current Iu/Ith</b>						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements			
125	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C			
<b>Rated operational current Ie</b>						
Utilization category					Voltage (V)	Current (A)
AC-32A					20 - 400	125
<b>Rated operational power</b>						
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)		
AC-3	220 - 240	3	3	22		
AC-3	380 - 440	3	3	37		
AC-3	660 - 690	3	3	30		
AC-23A	220 - 240	3	3	30		
AC-23A	380 - 440	3	3	45		
AC-23A	660 - 690	3	3	37		
<b>Max. Fuse rating IEC</b>						
Fuse characteristic					No. of Fuses	Current (A)
gG					1	125
<b>UL60947-4-1, UL508</b>						
<b>Nominal Voltage</b>						
Voltage (V) AC / DC						
600 AC						
<b>Rated insulation voltage Ui</b>						
Voltage (V) AC / DC						
600 AC						
<b>Rated thermal current</b>						
Current (A)		Ambient temperature (°C)		Additional Text		
150		0 - 40		ON-OFF switch (Valid when connected with wire rated for 75°C)		
125		0 - 40		Change over switch (Valid when connected with wire rated for 75°C)		
<b>Horsepower rating</b>						
Across-the-Line Motor Starting	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]	
DOL	110 - 120	1	2	7,50	40	
DOL	220 - 240	1	2	20	40	
DOL	277 - 277	1	2	20	40	
DOL	440 - 480	1	2	35	40	
DOL	550 - 600	1	2	35	40	
DOL	110 - 120	3	3	15	40	
DOL	220 - 240	3	3	30	40	
DOL	440 - 480	3	3	60	40	
DOL	550 - 600	3	3	60	40	
<b>SCCR / Max. fuse rating</b>						
<b>Conditions of acceptability</b>						
This device is suitable for use on circuits capable of delivering not more than 10kA rms symmetrical amperes, 600V ac max. when protected by Type RK1 fuses.						
Suitable for use on a circuit capable of delivering not more than 65000 rms symmetrical amperes at 600V max., when protected by 300A Class J fuses.						
<b>Temp. rating of wire</b>						
Temperature rating (°C)			Current (A) Text			
75			-- --			
<b>General Use</b>						
AC / DC	Voltage (V)	Current (A)	No. of phases	No. of poles	No. of contacts in series	
AC	277	125	1	1	1	
AC	277	150	1	1	1	
AC	600	150	1	2	1	
AC	600	150	3	3	1	
AC double-throw function	600	125	1	2	1	
AC double-throw function	600	125	3	3	1	

General Information						
<i>Text</i>						
- The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers.						
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				
150		0 - 40 --				
Horsepower rating						
<i>Across-the-Line Motor Starting</i>						
	Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]	
DOL	110 - 120	1	2	7,50	40	
DOL	220 - 240	1	2	20	40	
DOL	277 - 277	1	2	20	40	
DOL	440 - 480	1	2	35	40	
DOL	550 - 600	1	2	35	40	
DOL	110 - 120	3	3	15	40	
DOL	220 - 240	3	3	30	40	
DOL	440 - 480	3	3	60	40	
DOL	550 - 600	3	3	60	40	
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	150	1	1	1	
AC	600	150	1	2	1	
AC	600	150	3	3	1	
GENERAL TECHNICAL INFORMATION						
Size of conductor						
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm <sup>2</sup> ) or (AWG/kcmil)		Material of the wire	
Solid wire	Min.	1	6mm <sup>2</sup>		Copper	
Flexible wire	Max.	1	70mm <sup>2</sup>		Copper	
Flexible wire	Min.	1	16mm <sup>2</sup>		Copper	
Flexible wire	Max.	1	AWG 2/0		Copper	
Single-core or stranded wire	Max.	1	95mm <sup>2</sup>		Copper	
Single-core or stranded wire	Max.	1	AWG 3/0		Copper	
Flexible wire with sleeve	Max.	1	70mm <sup>2</sup>		Copper	
Flexible wire with ferrule according to DIN 46228	Min.	1	10mm <sup>2</sup>		Copper	
Stripping length						
Length (mm) --						
						
Recommended screw driver						
Type of screw driver	Value					
Hex key	5					
Tightening torque of screws						
tightening torque (Nm)				tightening torque (lb-in)		
14				125		
Approbations						
<i>Specification</i>					<i>Marking</i>	
EAC						
CE marking						
UK Directives						
UL 60947-4-1; CSA C22.2 No. 60947-4-1						
CSA C.22.2 No.14						
GB/T14048.3						
General Information						
<i>Text</i>						
- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.						
- EMC Note: This device is suitable for use in environment A and B.						

**General Information**
*Text*

- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.
- After wiring, ALL terminal screws must be tightened to the specified torque values.
- The protection class of the selected mounting type may vary if optional extras are used.
- 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.

**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](http://www.krausnaimer.com)

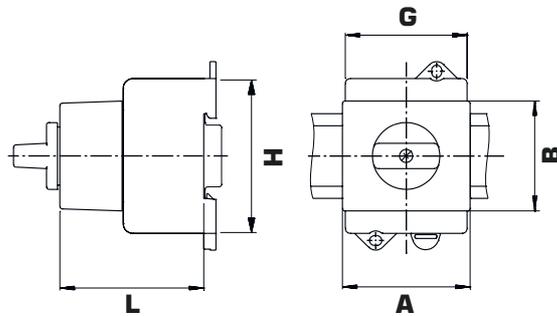
**Proposition 65**
*Picture name*
*Description*


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](http://www.P65Warnings.ca.gov).

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

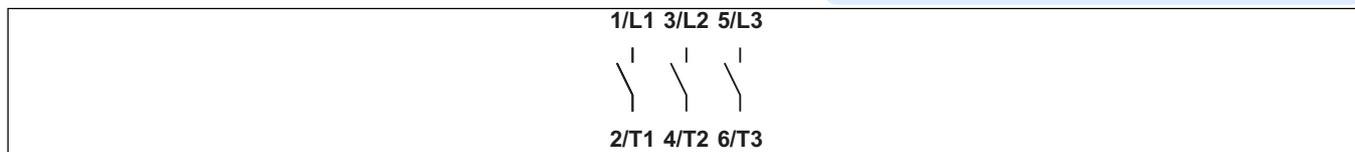
Classification Terminal: Screw terminal

**Mounting-VE2**


IP - Code front side	IP40
Stages	2,00 - 3,00
A	H 112,00 mm
B	H 45,00 mm
G	H 112,00 mm
H	H 108,00 mm
L	H 98,00 mm

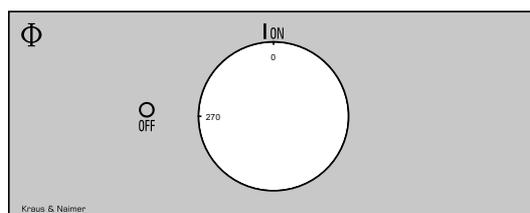
## Wiring diagram

KG125.T303.VE2



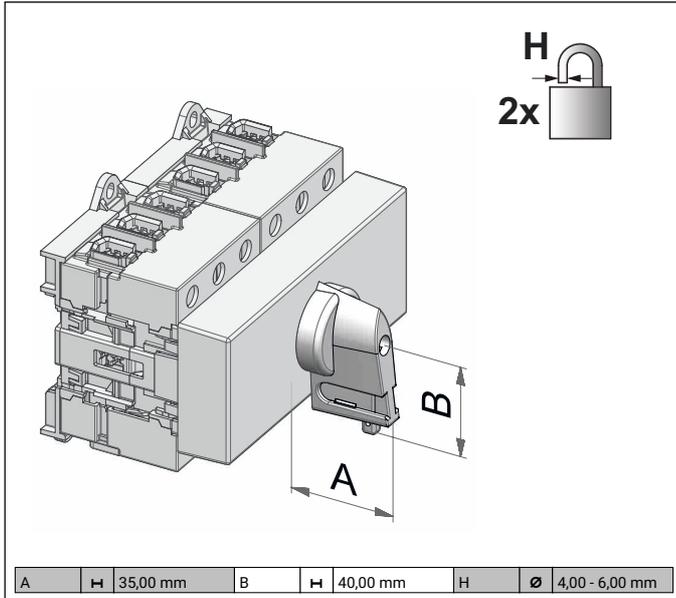
## Face plate

K3.F556/C10.VE2





Sample image



## PADLOCK DEVICE

with type F-handle (locking direction at right angle to the shaft) for type of mounting KS (S00), KS (S0), KL (S0, S1, S2), PF, PFC, PFF, PN, VE2, VE21

**Designation:** S1.V840A/E2D

**Lock bow diameter:** "E" for lock bow diameter 4-6mm

**Color of handle:** "2" red, locking bar flag yellow

**Type of mounting:** "D" for type of mounting VE2 for switch type KG125-KG162