



Sample image

Datasheet

Article number: 70022536

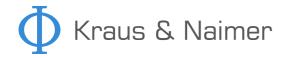
Designation: KG20.T204/33.KS51V

Description: Switchgear

IEC 60947-3	EN 60947-3, VD	E 0660 Teil 107						
Rated insulation v								
				Voltage (V) AC / D	С			
				690 AC				
Rated uninterrupt		(00)	2.11	(00)				
Current (A) 25	Ambie	nt temperature (°C) 50	Peak temperatu	re (°C) additional re		duwina 24 haumau	ith pools up to 155°C	
∠೨ Rated operational	l aurrent la	50		55 Ambient ter	riperature +50 C (during 24 nours w	vith peaks up to +55°C	
Utilization categor					Vo	Itage (V)		Current (
AC-32A	ı y					20 - 400		ourent (
Rated operational	Inower					20 400		
Utilization categor			Voltage (V)	٨	o. of phases		No. of poles	Power (k)
AC-3	,		220 - 240		3		3	
AC-3			380 - 440		3		3	5,
AC-3			660 - 690		3		3	5,
AC-23A			220 - 240		3		3	5,
AC-23A			380 - 440		3		3	7,
AC-23A			660 - 690		3		3	7,
Max Fuse Rating I		· ·						
Fuse characteristic	ic					No. of Fu		Current (
gG							1	:
UL60947-4-1	, UL508							
Nominal Voltage	•							
				Voltage (V) AC / D	С			
				600 AC				
Rated insulation v	voltage Ui							
				Voltage (V) AC / D	С			
				600 AC				
Rated thermal cur	rrent							
		Current (A			Ambient tempera		nal Text	
		2!)			0 - 40		
Horsepower rating Across-the-Line M				Valtage (V)	No of phases	No. of poles	Power (HP)	Ambient temperature [
DOL	iotoi starting			Voltage (V) 110 - 120	No. of phases	No. or poles	1	Ambient temperature [
00L				220 - 240	1	2	3	
DOL				277 - 277	1	2	3	
DOL				415 - 415	1	2	5	
DOL				440 - 480	1	2	5	
DOL				550 - 600	1	2	5	
DOL				110 - 120	3	3	2	
				200 - 240	3	3	7,50	
001							7,00	
				415 - 415		3	10	
DOL				415 - 415 440 - 480	3	3	10 15	
DOL DOL				440 - 480	3	3 3 3	10 15 20	
DOL DOL DOL Pilot duty rating c	code				3	3	15	
DOL DOL DOL Pilot duty rating c	code			440 - 480	3	3	15	
DOL DOL DOL Pilot duty rating c Duty Code	code			440 - 480	3	3	15	
DOL DOL DOL Pilot duty rating c <i>Duty Code</i> A600				440 - 480	3	3	15	
DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse	e rating			440 - 480	3	3	15	
DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce	e rating eptability	ts capable of delivering no	ot more than 10kA rms	440 - 480 550 - 600	3 3 3	3 3	15 20	
DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce This device is suit Suitable for use on	e rating eptability table for use on circui on a circuit capable of	ts capable of delivering no delivering not more than 6		440 - 480 550 - 600 symmetrical amper	3 3 3	3 3	15 20 by Type RK1 fuses.	
DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or	e rating eptability table for use on circui on a circuit capable of	delivering not more than 6	5000 rms symmetrical	440 - 480 550 - 600 symmetrical amper	es, 600V ac max.	3 3 when protected l	15 20 by Type RK1 fuses.	
DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce This device is suit Suitable for use on	e rating eptability table for use on circui on a circuit capable of	delivering not more than 6 Temperature rating (°C	5000 rms symmetrical	440 - 480 550 - 600 symmetrical amper	es, 600V ac max.	when protected letted by 40A Class	15 20 by Type RK1 fuses.	
DOL	e rating eptability table for use on circui on a circuit capable of	delivering not more than 6	5000 rms symmetrical	440 - 480 550 - 600 symmetrical amper	es, 600V ac max.	3 3 when protected l	15 20 by Type RK1 fuses.	
DOL DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce This device is suit Suitable for use of Temp. rating of w General Use	e rating eptability table for use on circui in a circuit capable of vire	delivering not more than 6 Temperature rating (°C 60 - 7!	55000 rms symmetrical)	440 - 480 550 - 600 symmetrical amper amperes at 600V r	es, 600V ac max.	when protected letted by 40A Class	15 20 by Type RK1 fuses.	
DOL DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce This device is suit Suitable for use or Temp. rating of w General Use AC / DC	e rating eptability table for use on circui n a circuit capable of vire Voltage (V)	delivering not more than 6 Temperature rating (°C 60 - 75 Current (A)	55000 rms symmetrical No. of phases	symmetrical amper amperes at 600V r	es, 600V ac max., when protec	when protected letted by 40A Class	15 20 by Type RK1 fuses.	
DOL DOL DOL Pilot duty rating c Duty Code A600 SCCR / Max. fuse Conditions of acce This device is suit	e rating eptability table for use on circui in a circuit capable of vire	delivering not more than 6 Temperature rating (°C 60 - 7!	55000 rms symmetrical)	symmetrical amper and a few section of the section	es, 600V ac max.	when protected letted by 40A Class	15 20 by Type RK1 fuses.	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4



General Use							
	rent (A)	No. of phases	No. of pol				No. of contacts in series
AC 600 General Information	25	3		3			1
Text							
 The operating handle and position indicating 	means	to he used with these manua	l motor controllers sho	ıld be provided fro	m the manufacti	irer or the operating	ng handle and position indicating means
to be used should have been previously eval				and be provided in	minute manaract	arer, or the operation	ig namice and position indicating means
- When intended for use as a motor disconnection	tor the d	levice shall be provided with a	a method of being locke	ed in the OFF-posit	tion.		
CSA			-	-			
Nominal Voltage							
Tronina voltage			Voltage (V) AC / L	OC .			
			600 AC	-			
Rated insulation voltage Ui							
			Voltage (V) AC / L	OC .			
			600 AC				
Rated thermal current		Current (A)		Ambient tempera	tura (°C) Additio	mal Taut	
		Current (A) 25		Ambient tempera	0 - 40	ilai lext	
Horsepower rating					0 .0		
Across-the-Line Motor Starting			Voltage (V)	No. of phases	No. of poles	Power (HP)	Ambient temperature [°C]
DOL			110 - 120	1	2	1	40
DOL			220 - 240	1	2	3	40
DOL			277 - 277	1	2	3	40
DOL DOL			415 - 415 440 - 480	1	2 2	5 5	40 40
DOL			550 - 600	1	2	5	40
DOL			110 - 120	3	3	2	40
DOL			220 - 240	3	3	7,50	40
DOL			415 - 415	3	3	10	40
DOL			440 - 480	3	3	15	40
DOL			550 - 600	3	3	20	40
Pilot duty rating code							
Duty Code A600							
Temp. rating of wire							
	nperatur	e rating (°C)		Cu	ırrent (A) Text		
	.,	75					
General Use							
	ent (A)	No. of phases	No. of pol				No. of contacts in series
AC 277	25	1		1			1
AC 600 AC 600	25 25	1 3		3			1
,		<u></u>		3			
GENERAL TECHNICAL INFORMAT	ION						
Size of conductor			,		Cross section	(mm²) or	
composition of conductor		Min. / Max. value	No. of co	nductor per termir	nal (AWG/kcmil)	1 (111111) 01	Material of the wire
solid wire		Min.			1 0.75mm ²		Copper
solid wire		Min.			2 0.5mm ²		Copper
flexible wire		Min.			2 0.75mm²		Copper
flexible wire		Max.			1 AWG 10 1 4mm ²		Copper Copper
flexible wire		Min.			1 1.5mm²		Copper
Single-core or stranded wire		Max.			1 6mm²		Copper
Single-core or stranded wire		Max.			1 AWG 10		Copper
flexible wire with sleeve		Max.			1 4mm²		Copper
flexible wire with ferrule according to DIN 462		Min.			1 0.75mm ²		Copper
flexible wire with ferrule according to DIN 462	28	Min.			2 0.5mm ²		Copper
Stripping length			Length (mm)				
			Eengar (mm)	•			
			0				
Recommended screw driver			9	-			
Type of screw driver			Value				
Cross Screwdriver			PH2				
Slot screwdriver according to DIN 5264			0,8x4				
Tightening torque of screws							
		tighter	ning torque (Nm)				tightening torque (lb-in)
Annyahatiana			1,25				11
Approbations Specification							Marking
Openination							
,							rnr
							HI
EAC							EAC
EAC							C E
							C€
EAC CE marking							C€
EAC							



Approbations

Specification

Marking

(00)

CSA C.22.2 No.14

GB/T14048.3

General Information

- EMC Note: This device is suitable for use in environment A and B.
- 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 Z

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

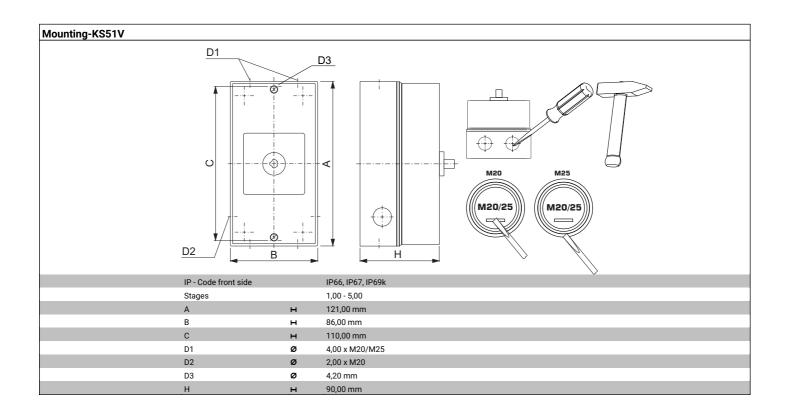
Picture name

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

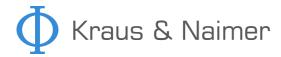
Classification Terminal: Screw terminal





Wiring diagram KG20.T304.KS51V

L1 L2 L
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T1 T2 T



Face plate S1.F656/E10.V9

