Kraus & Naimer

Datasheet

Sample image

KHR32

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Ring type terminal

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Rated insulation voltage Ui

Voltage (V)	AC / DC
800	AC

Rated impulse withstand voltage Uimp

Voltage (kV)	Overvoltage category	Pollution degree	Supply system	Function
6	III	3	Valid for lines with grounded common neutral termination	Switch / Switch disconnector

Rated uninterrupted current Iu/Ith

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
32	50	55	Ambient temperature +50°C during 24 hours with peaks up to +55°C

Conventional enclosed thermal current Ithe

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements	No. of stages (from - to)	Mounting	Mounting size
32	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	--	--	--

Rated operational current Ie

Utilization category	Voltage (V)	Current (A)
AC-20A	800	32
AC-21A	20 - 690	32
AC-22A	20 - 690	32

Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-3	220 - 240	3	3	5,50
AC-3	380 - 440	3	3	11
AC-3	500 - 500	3	3	11
AC-3	660 - 690	3	3	11
AC-3	110 - 120	1	2	1,50
AC-3	220 - 240	1	2	3
AC-3	380 - 440	1	2	5,50
AC-3	500 - 500	1	2	7,50
AC-3	660 - 690	1	2	8,50
AC-23A	220 - 240	3	3	9
AC-23A	380 - 440	3	3	16
AC-23A	500 - 500	3	3	20
AC-23A	660 - 690	3	3	22
AC-23A	110 - 120	1	2	2
AC-23A	220 - 240	1	2	4,20
AC-23A	380 - 440	1	2	7,50
AC-23A	500 - 500	1	2	9
AC-23A	660 - 690	1	2	9

Max. Fuse rating IEC

Fuse characteristic	No. of Fuses	Current (A)
gG	1	35

UL60947-4-1 , UL508

Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
30	0 - 40	--

General Information
Text
- 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.

GENERAL TECHNICAL INFORMATION

Tightening torque of screws	
tightening torque (Nm)	*tightening torque (lb-in)*
1,20	10

Rated short-time withstand current Icw	
Time (s)	*Current (A)*
1	850

Approbations	
Specification	*Marking*
CE marking	CE
UK Directives	
IEC 60947-3; EN 60947-3; VDE 0660 Teil107	IEC 60947-3 EN 60947-3
UL 60947-4-1; CSA C22.2 No. 60947-4-1	c UL us

Power loss per pole
Power (W)
0,40

Conditions during transport and storing		
Minimum temperature (°C)	*Maximum temperature (°C)*	*additional requirements*
-40	85	In case of temperatures below -5°C no shock load permissible

Shock / Vibration	
Type of oscillation	*Values*
Resistance to vibration	IEC 61373 (1999) Category 1, Class 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.
- Use only isolated ringtype cable lugs or forked cable lugs.
- 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.

Operating temperature	
Min. Temperature [°C]	*Max. Temperature [°C]*
-5	55

Dimensions ring cable lug

	A(mm)	8,80 mm