

KHR20

Type Size: S0

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	50/60Hz				
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 disconnecter	
Rated uninterrupted current Iu/Ith							
Current (A)		Ambient temperature (°C)		Peak temperature (°C)	additional requirements		
20		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
20	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		20	
AC-21A				20 - 690		20	
AC-22A				20 - 690		20	
Rated operational power							
Utilization category			Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3			220 - 240	3	3	3,50	
AC-3			380 - 440	3	3	6,50	
AC-3			500 - 500	3	3	6,50	
AC-3			660 - 690	3	3	6,50	
AC-3			110 - 120	1	2	0,75	
AC-3			220 - 240	1	2	2	
AC-3			380 - 440	1	2	3,20	
AC-3			500 - 500	1	2	4	
AC-3			660 - 690	1	2	5	
AC-23A			220 - 240	3	3	5,50	
AC-23A			380 - 440	3	3	10	
AC-23A			500 - 500	3	3	12	
AC-23A			660 - 690	3	3	15	
AC-23A			110 - 120	1	2	1,10	
AC-23A			220 - 240	1	2	2,50	
AC-23A			380 - 440	1	2	4,50	
AC-23A			500 - 500	1	2	5,50	
AC-23A			660 - 690	1	2	6	
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
		20	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

Rated short-time withstand current Icw

Time (s)	Current (A)
1	450

Recommended screw driver

Type of screw driver	Value
Cross Screwdriver	PH1
Slot screwdriver according to DIN 5264	0,8x4

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
1,20	10

Approbations

Specification	Marking
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EAC	
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CE marking	
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UK Directives	
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IEC 60947-3; EN 60947-3; VDE 0660 Teil107	IEC 60947-3 EN 60947-3
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UL 60947-4-1; CSA C22.2 No. 60947-4-1	
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Power loss per pole

Power (W)
0,30

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)	7,40 mm
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