



Sample image

KHR80

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		
			1000	AC		
Rated impulse withstand voltage Uimp						
Voltage (kV)		Overvoltage category	Pollution degree	Supply system		Function
8 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	
80		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 size
80	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			1000		80	
AC-21A			20 - 690		80	
AC-22A			20 - 690		80	
Rated operational power						
Utilization category		Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-3		220 - 240	3	3	15	
AC-3		380 - 440	3	3	30	
AC-3		500 - 500	3	3	37	
AC-3		660 - 690	3	3	22	
AC-3		110 - 120	1	2	4	
AC-3		220 - 240	1	2	10	
AC-3		380 - 440	1	2	15	
AC-3		500 - 500	1	2	18,50	
AC-3		660 - 690	1	2	18,50	
AC-23A		220 - 240	3	3	23	
AC-23A		380 - 440	3	3	40	
AC-23A		500 - 500	3	3	55	
AC-23A		660 - 690	3	3	37	
AC-23A		110 - 120	1	2	4,50	
AC-23A		220 - 240	1	2	11	
AC-23A		380 - 440	1	2	18,50	
AC-23A		500 - 500	1	2	22	
AC-23A		660 - 690	1	2	22	
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		100	

UL60947-4-1, UL508

Rated insulation voltage Ui				
		Voltage (V)	AC / DC	
		600	AC	
Rated thermal current				
	Current (A)		Ambient temperature (°C)	Additional Text
	80		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		
	<i>tightening torque (Nm)</i>	<i>tightening torque (lb-in)</i>
	2,20	20
Rated short-time withstand current <i>I_{sw}</i>		
	<i>Time (s)</i>	<i>Current (A)</i>
	1	1600

Approbations
Specification
Marking

CE marking


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



Power loss per pole	
	<i>Power (W)</i>
	2,70

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

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		
	<i>Min. Temperature [°C]</i>	<i>Max. Temperature [°C]</i>
	-5	55



Dimensions ring cable lug

A(mm)	13,00 mm
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