

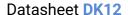
DK12

Type Size: S0

Classification Contact: H-Bridge Classification Contact Mat: Silver

Classification Terminal: Screw terminal

IEC 60947-	-3 EN 60947-3, VD	E 0660 Teil 107					
Rated insulation	on voltage Ui						
			Voltage	(V) AC/DC			
				600 AC / DC			
	withstand voltage Uimp						
Voltage (, ,			•			Function
	4	3	Valid for	lines with grounded common ne	utral termination		Switch
Current (A)	rupted current lu/lth	temperature (°C)	Peak temperature (°C)	additional requirements			
6 Current		55	60	Ambient temperature +55°C du	ring 24 hours with nea	ke up to +60°C	
	enclosed thermal current		00	Ambient temperature 100 c du	ning 24 nours with pea	k3 up to 100 C	
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting	Mounting size
6	35	40	Ambient temperature +35 peaks up to +40°C	°C during 24 hours with	-	-	
Rated operation	onal current le						
Utilization cate	egory			Voltag	, ,		Current (
AC-21A					6		
AC-21A					12		
AC-21A					24		
AC-21A					48		
AC-21A					110		
AC-21A					240		
AC-21A					380		1,3
AC-21A					440		0.6
AC-21A AC-21A					550 600		0,8
Max. Fuse rati	ng IEC				600		0,5
Fuse character					No. of Fuses		Current (/
gG					1		,
UL60947-4	1-1 , UL508						
Rated insulation	on voltage Ui						
			Voltage				
				600 AC			
Rated thermal	current	Outroom (A)		A b i b b	(00) Additional Tour		
		Current (A)		Ambient temperature	(°C) Additional Text		
		0		U	- 40		
GENERAL T	TECHNICAL INFOR	RMATION					
Tightening tor	que of screws						
			tightening torque (I	•			tightening torque (lb-i
	***			0,60			
Rated short-tir	me withstand current lcv	v	Time	2 (0)			Current /
			Time	e (s) 1			Current (
Size of conduc	rtor			1			
composition of		Min. / Max	. value	No. of conductor per terminal	Cross section (mm²) (AWG/kcmil)	or Material	of the wire
Solid wire		Min.		1	0.5mm ²	Copper	
Solid wire		Min.		2	0.5mm²	Copper	
Flexible wire		Min.		1	0.75mm²	Copper	
						1-17-7	





Size of conductor						
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire		
Flexible wire	Min.	2	0.75mm²	Copper		
Flexible wire	Max.	2	2.5mm²	Copper		
Flexible wire	Max.	2	AWG 14	Copper		
Single-core or stranded wire	Max.	2	AWG 12	Copper		
Single-core or stranded wire	Max.	2	2.5mm²	Copper		
Flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm²	Copper		
Flexible wire with ferrule according to DIN 46228	Max.	2	1.5mm²	Copper		
Flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	Copper		

Specification		Marking
CE marking		C€
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 (U) us LISTED24D8
Power loss per pole		
		Power (W)
		0,20
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, C	lass B
General Information		

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- 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.

Text

Approbations

- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.

Operating temperature	
Min. Temperature [°C]	Max. Temperature [°C]
	60