

# CH10-4

Type Size: S0

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Quick connect

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

Rated insulation voltage Ui							
Voltage (V)		AC / DC					
690		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	
Rated uninterrupted current Iu/Ith							
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements				
20	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°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-15	110 - 110			5			
AC-15	220 - 240			6			
AC-15	380 - 440			4			
AC-20A	690			20			
AC-21A	20 - 690			20			
AC-22A	220 - 440			20			
AC-22A	500 - 500			20			
AC-22A	660 - 690			16			
Rated operational power							
Utilization category	Voltage (V)	No. of phases	No. of poles		Power (kW)		
AC-2	220 - 240	3	3		4		
AC-2	380 - 440	3	3		7,50		
AC-2	500 - 500	3	3		10		
AC-2	660 - 690	3	3		10		
AC-3	220 - 240	3	3		3		
AC-3	380 - 440	3	3		5,50		
AC-3	500 - 500	3	3		5,50		
AC-3	660 - 690	3	3		5,50		
AC-3	110 - 120	1	2		0,60		
AC-3	220 - 240	1	2		2,20		
AC-3	380 - 440	1	2		3		
AC-3	500 - 500	1	2		3		
AC-3	660 - 690	1	2		3		
AC-4	220 - 240	3	3		0,55		
AC-4	380 - 440	3	3		1,50		
AC-4	500 - 500	3	3		1,50		
AC-4	660 - 690	3	3		1,50		
AC-4	110 - 120	1	2		0,30		
AC-4	220 - 240	1	2		0,75		
AC-4	380 - 440	1	2		1,50		
AC-23A	220 - 240	3	3		3,70		
AC-23A	380 - 440	3	3		7,50		
AC-23A	500 - 500	3	3		7,50		
AC-23A	660 - 690	3	3		7,50		

Rated operational power				
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-23A	110 - 120	1	2	0,75
AC-23A	220 - 240	1	2	2,50
AC-23A	380 - 440	1	2	3,70
AC-23A	500 - 500	1	2	4
AC-23A	660 - 690	1	2	4

Max. Fuse rating IEC		
Fuse characteristic	No. of Fuses	Current (A)
gG	1	25

**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 TECHNICAL INFORMATION**

Rated short-time withstand current Icw		
Time (s)	Current (A)	
1	200	

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	
Power (W)	
1,40	

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

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.
- 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 only fully insulated cable lugs resp. FASTON receptacles.
- 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]
-25		60