

CGD4-1

Type Size: S00 Classification Contact: H-Bridge Classification Contact Mat: Gold plated Classification Terminal: Screw terminal

		1947-3, VDE	0660 Teil 107						
Rated insula	ation voltage	Ui							
				Voltage	e (V) AC / DC				
					440 AC / DC				
		voltage Uimp							
Voltag		ervoltage catego						Function	
Deted unint	4 III		3	Valid for	lines with grounded common ne	utral termination		Switch	_
Current (errupted curr		emperature (°C)	Peak temperature (°C)	additional requirements				_
Current (5	Ambient	55	60	Ambient temperature +55°C du	ring 24 hours with pea	ks up to +60°C		
Conventiona		nermal current		00		ning 24 nours with peu			
Current (A)		emperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting	Mounting siz	е
5		35	40	Ambient temperature +35 peaks up to +40°C	°C during 24 hours with	-			
Rated opera	tional curren	t le							
Utilization ca	ategory				Voltage	e (V)		Сι	ırrent (A)
AC-21A						1			5
AC-21A						6			2
AC-21A						12			1,20
AC-21A						24			0,70
AC-21A						48			0,45
AC-21A						110			0,25
AC-21A						240			0,15
AC-21A						300			0,13
AC-21A						440			0,10
Max. Fuse ra		_					_		. (1)
Fuse charac	teristic								
	L.					No. of Fuses		UL UL	urrent (A)
G-fuse, quicl	k					No. of Fuses			5
	k /-4-1 , UL5	508							
UL60947				_					
UL60947	′-4-1 , UL5		_	Voitage	.,		_		
UL60947 Rated insula	'-4-1 , UL5 ation voltage		_	-	e(V) AC/DC 300 AC		_		
UL60947	'-4-1 , UL5 ation voltage		Querent (A)	-	300 AC	1	_		
UL60947 Rated insula	'-4-1 , UL5 ation voltage		Current (A)	-	300 AC Ambient temperature	1 (°C) Additional Text			
UL60947 Rated insula	'-4-1 , UL5 ation voltage		Current (A) 5	-	300 AC Ambient temperature	1			
UL60947 Rated insula Rated therm	'-4-1 , UL5 ation voltage nal current		5	-	300 AC Ambient temperature	1 (°C) Additional Text	_		
UL60947 Rated insula Rated therm GENERAL	'-4-1 , UL5 ation voltage nal current	UI CAL INFOR	5		300 AC Ambient temperature 0	1 (°C) Additional Text	_		5
UL60947 Rated insula Rated therm GENERAL	'-4-1 , UL5 ation voltage nal current L TECHNI(UI CAL INFOR	5	tightening torque (AC Ambient temperature 0 Nm)	1 (°C) Additional Text		tightening torq	5
UL60947 Rated insula Rated therm GENERAL Tightening t	Y-4-1 , UL5 ation voltage hal current L TECHNIC torque of scree	ui CAL INFOR	5	tightening torque (300 AC Ambient temperature 0	1 (°C) Additional Text			5
UL60947 Rated insula Rated therm GENERAL Tightening t	Y-4-1 , UL5 ation voltage hal current L TECHNIC torque of scree	UI CAL INFOR	5	tightening torque (AC Ambient temperature 0 Nm) 0,40	1 (°C) Additional Text		tightening torq	5 ue (lb-in) 3,50
UL60947 Rated insula Rated therm GENERAL Tightening t	Y-4-1 , UL5 ation voltage hal current L TECHNIC torque of scree	ui CAL INFOR	5	tightening torque (AC Ambient temperature 0 Nm) 0,40 e (s)	1 (°C) Additional Text		tightening torq	5 ue (lb-in) 3,50 urrent (A)
UL60947 Rated insula Rated therm GENERAL Tightening t	Y-4-1 , UL5 ation voltage hal current L TECHNIG torque of scro -time withsta	ui CAL INFOR	5	tightening torque (AC Ambient temperature 0 Nm) 0,40	1 (°C) Additional Text		tightening torq	5 ue (lb-in) 3,50
UL60947 Rated insula Rated therm GENERAL Tightening to Rated short- Size of cond	Y-4-1 , UL5 ation voltage hal current L TECHNIG torque of scro -time withsta	Ui CAL INFOR ₂ws nd current Icw	5	tightening torque (Time	AC Ambient temperature 0 Nm) 0,40 e (s)	1 (°C) Additional Text - 40 – Cross section (mm²)	~	tightening torq	5 ue (lb-in) 3,50 urrent (A)
UL60947 Rated insula Rated therm GENERAL Tightening to Rated short- Size of cond composition	4-4-1 , ULS ation voltage hal current L TECHNIC torque of scre -time withsta	Ui CAL INFOR ₂ws nd current Icw	5 MATION Min. / Max	tightening torque (Time	AC Ambient temperature 0 Nm) 0,40 e (s) 1	1 (°C) Additional Text - 40 – Cross section (mm²) (AWG/kcmil)	or Ma	tightening torq Ct terial of the wire	5 ue (lb-in) 3,50 urrent (A)
UL60947 Rated insula Rated therm GENERAL Tightening to Rated short- Size of cond	4-4-1 , ULS ation voltage hal current L TECHNIC torque of scre -time withsta	Ui CAL INFOR ₂ws nd current Icw	5 MATION	tightening torque (Time	AC Ambient temperature 0 Nm) 0,40 e (s) 1 No. of conductor per terminal	1 (°C) Additional Text - 40 – Cross section (mm²)	or Ma Co	tightening torq Cu terial of the wire pper	5 ue (lb-in) 3,50 urrent (A)
UL60947 Rated insula Rated therm GENERAL Tightening to Size of cond composition Solid wire	And Current And Current L TECHNIC Torque of scree -time withsta ductor of conductor	Ui CAL INFOR ₂ws nd current Icw	5 MATION <i>Min. / Max</i> Min.	tightening torque (Time	AC Ambient temperature 0 Nm) 0,40 e (s) 1 No. of conductor per terminal 1	1 (*C) Additional Text - 40 - Cross section (mm²) (AWG/kcmil) 0.5mm²	or Ma Co Co	tightening torq Ct terial of the wire	5 ue (lb-in) 3,50 urrent (A)



Datasheet CGD4-1

composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
Flexible wire	Max.	2	AWG 16	Copper
Flexible wire	Max.	2	1.5mm²	Copper
Single-core or stranded wire	Max.	2	AWG 14	Copper
Single-core or stranded wire	Max.	2	1.5mm²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm²	Copper
Flexible wire with ferrule according to DIN 46228	Max.	2	1mm²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	Copper

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		cupus LISTED2408
Power loss per pole		
		Power (W)
Conditions during transport and storing		0,40
Minimum temperature (°C)	Maximum temperature (°C)	additional requirements
-40	85	In case of temperatures below -5°C no shock load permissible
General Information		
Text		

- 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.

- 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]
-25

Max. Temperature [°C]