

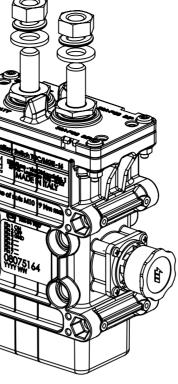
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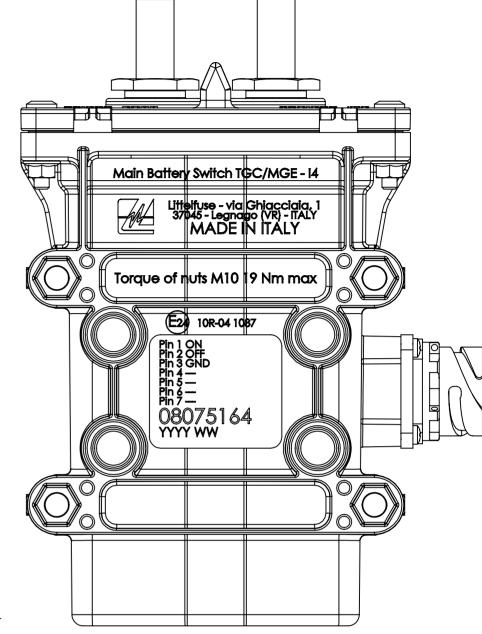
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	5		4	3			2	1		
			REVISIONS							
		REV.	DESCRIPTION	DESCRIPTION		TE	DESIGNED	APPROVED		
	A		1st issue		19-Ap	or-19	Dal Molin	Tinto		
		В	Removed IP degree and working temperature		07-Fe	b-20	Dal Molin	Tinto		
		С	Removed label n. serial and added new marking on the TGC box. Added notes and view for laser marking		Removed label n. serial and added new marking on the TGC box. Added notes and view for laser marking		13-Ap	or-21	Dal Molin	Tinto
_	_		•							

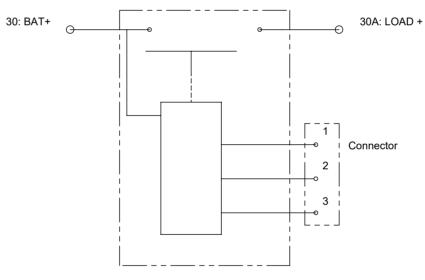


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SCALE 1 : 2



Electrical diagram



-5

7	Plug	1	EA	
6	Nut M10	2	EA	
5	Spring washer	2	EA	
4	Plane washer	2	EA	
3	Power stud	2	EA	
2	Contact-holder cover	1	EA	
1	Connector box	1	EA	
BOM#	COMPONENT NAME	QUANTITY/M	U/M	0
				1 V

## NOTES

- Test specifications: Littelfuse CPP00047
- Torque of screw M10 =  $18 \pm 1$  Nm
- Fix the device with M6 screw and with torque of 6±2 Nm
- Nuts and bolds supplied on kit Littelfuse p/N 10843650

Characteristic:

- Nominal working tension: 12V ÷ 24V
- Nominal working current: 500A (1h, at 23°C, with cables size of 90 mm<sup>2</sup> minimum)
- Nominal max current main contact: 2000A for 5 sec. at 23±5°C
- Number of mechanical operations: 150.000 - Number of electrical operations: 50.000

SAP drawing number: 10000108502

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Material and treatments:

	DIMENSIONS AND TOLERANCES IN MILLIMETERS, DEFINED ACCORDING TO ISO 1101-2017.								
linear dimensions									
	>1000 2000	>400 1000	>120 400	30 20	>6 30		>3 6	0,5 3	
	±3	±2	±1,2	0,8	0,5	:	±0,3	±0,2	
	angle (for range of lengths)								
	>120 400		>50 120		>10 50		p to 10		
٦.	±0°15'		±0°30'		±1°		°30'	±1	
			YMBOL	RISTICS	AL CHARAC	ON CRITI	FIT/ FUNCT		
	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL						<s></s>		
		CPK DENOTES CPK DIMENSIONS MINIMUM CPK VALUE							
┢		(ST) DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE.PROCEDURE FOR MEASUREMENTAND TRACKINGTO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS							
	ED	CP DENOTES CP DIMENSIONS, -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE							
						DATE	NAME		
	)	ITUSE	Litte	7//=		19-Apr-19	L. Dal Molin	DRAWN CHECKED	
/			Applied A		E	-	-	CHECKED	
	TITLE								
	ELECTRICAL BDS 500A 12/24 -				FORM NO; CVP-PE40-0013 REV A				
	IGC/MGE-I4				FIRST ANGLE PROJECTION				
;	4 REV.	307516	OL-08	<u>G.</u> NO.	SIZE: A2	$+ \bigcirc \bigcirc$			
	ET 1 OF 1				SCALE 1:1	WING	DO NOT SCALE DRAWING		
		1			2	2			

floating	
GND	OFF
GND	

Main contact

connected

to

PIN

connector

1

2

3

PIN connector 1

2

3

6

connected to	Main contact
GND	
floating	ON
GND	