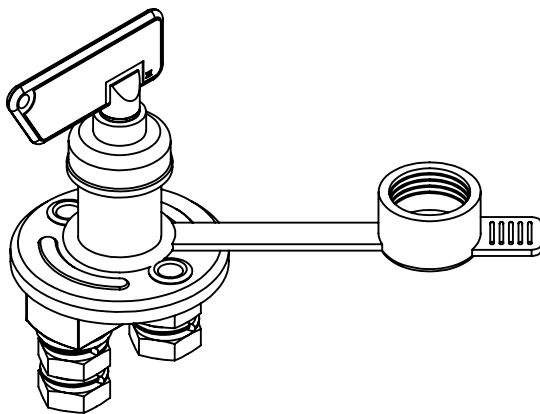


REVISIONS				
REV.	DESCRIPTION	DATE	DESIGNED	APPROVED
A	First issue of outline drawing	29-May-20	L.Dal Molin	M.Tinto



SCALE 1:2

9	00603900	Cap for Bms	Thermoplastic	1	EA
8	08099900	Key complete with cap	Polyamide, brass and thrmoplastic	1	EA
7		Eyelet	Iron	2	EA
6		Nut M10 low	Steel	4	EA
5		Spring washer To 10	Steel	4	EA
4		Washer Te 10.5x20	Steel	2	EA
3		Upper body cam double			
2		Power stud M10	Copper	2	EA
1		Lower body M10 cont.-holder hole	Polyamide	1	EA
POS.	P/N	DESCRIPTION	MATERIAL	Q.TY	U/M

FEATURES

- Nominal voltage: 12-24V
- Max direct current: 150A
- Max short time current: 1000A for 5 seconds at 23±5°C
- Max short time current: 350A for 270 seconds at 23±5°C
- Number of electrical and mechanical operations: MIN. 5000
- M8 nuts tightening torque: 7 ± 1 Nm
- Supplying conditions: key, protection casing and cap are disassembled

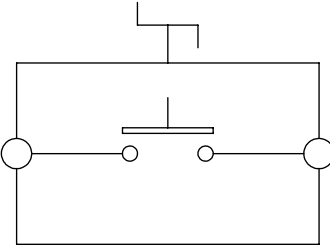
ASSEMBLY KEY

To assemble the key, insert it and turn it clockwise of 50° taking the device in stated Switched OFF; to remove it, with the device in state Switched OFF turn it counterclockwise of 50° and extract it

OPERATION

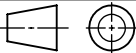
- To close (switch on) the contacts: turn clockwise the key of 90°
- To open (switch off) the contacts: turn counterclockwise the key of 90°

ELECTRICAL DIAGRAM



SAP drawing number:

Material and treatments:

DIMENSIONS AND TOLERANCES IN MILLIMETERS. DEFINED ACCORDING TO ISO 1101-2017.																
linear dimensions																
0,5 3	>3 6	>6 30	>30 120	>120 400	>400 1000	>1000 2000										
±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3										
angle (for range of lengths)																
up to 10	>10 50	>50 120	>120 400													
±1°30'	±1°	±0°30'	±0°15'													
●	FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL															
<S>	SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL															
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															
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															
<table><tr><th>NAME</th><th>DATE</th></tr><tr><td>L. Dal Molin</td><td>09-Apr-19</td></tr><tr><td>CHECKED -</td><td>-</td></tr><tr><td>-</td><td>-</td></tr><tr><td>-</td><td>-</td></tr></table>			NAME	DATE	L. Dal Molin	09-Apr-19	CHECKED -	-	-	-	-	-	 Littelfuse Expertise Applied Answers Delivered			
NAME	DATE															
L. Dal Molin	09-Apr-19															
CHECKED -	-															
-	-															
-	-															
FORM NO: CVP-PE40-0013 REV A			TITLE													
FIRST ANGLE PROJECTION			BATTERY MAIN SWITCH IGC-150 (2-M10+PROTECTION)													
			SIZE: A2		DWG. NO. OL-08099080	OUTLINE REV. A										
DO NOT SCALE DRAWING			SCALE 1:1		SHEET 1 OF 1											