

REVISIONS				
REV.	DESCRIPTION	DATE	DESIGNED	APPROVED
A	First issue of outline drawing	19-May-20	L.Dal Molin	M.Tinto

FEATURES

- Nominal voltage: 12V-24V
- Maximum direct current: 150A
- Maximum short time current: 1200 A for 5s at 23 ± 5 °C
- Number of electrical operations: 5000
- Number of mechanical operations: 5000
- M10 nuts tightening torque: 20 ± 2 Nm
- Fixing on the bracket by screws and nuts M6 and tightening torque 3.3 ± 0.2 Nm (only with cover or protection mounted)
- Components supplied not assembled: key, 2 M10 nuts, 2 flat washers and 2 washer springs


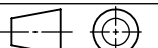
ASSEMBLY KEY

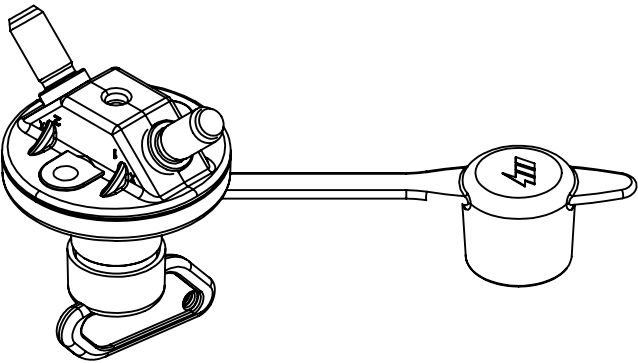
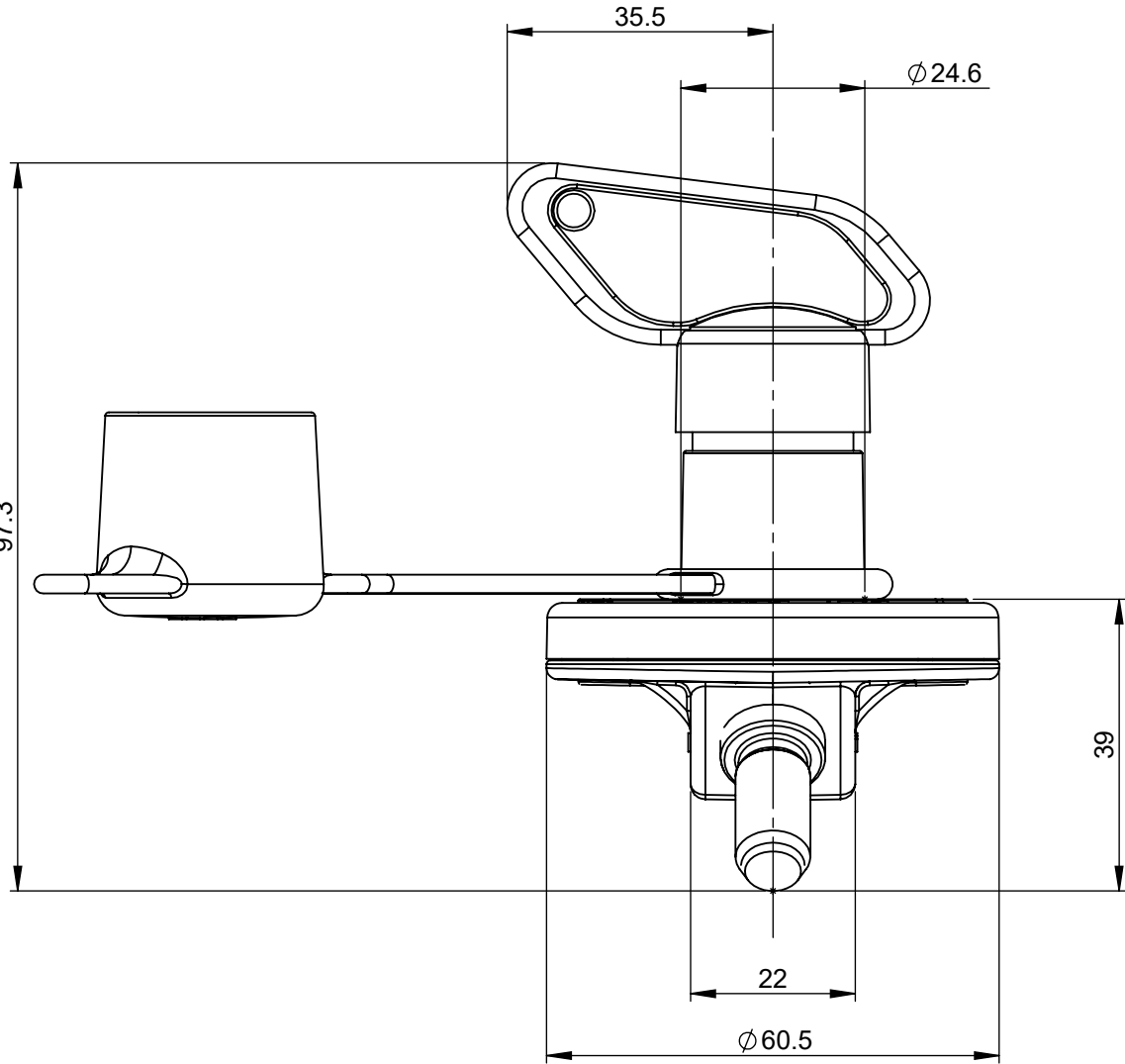
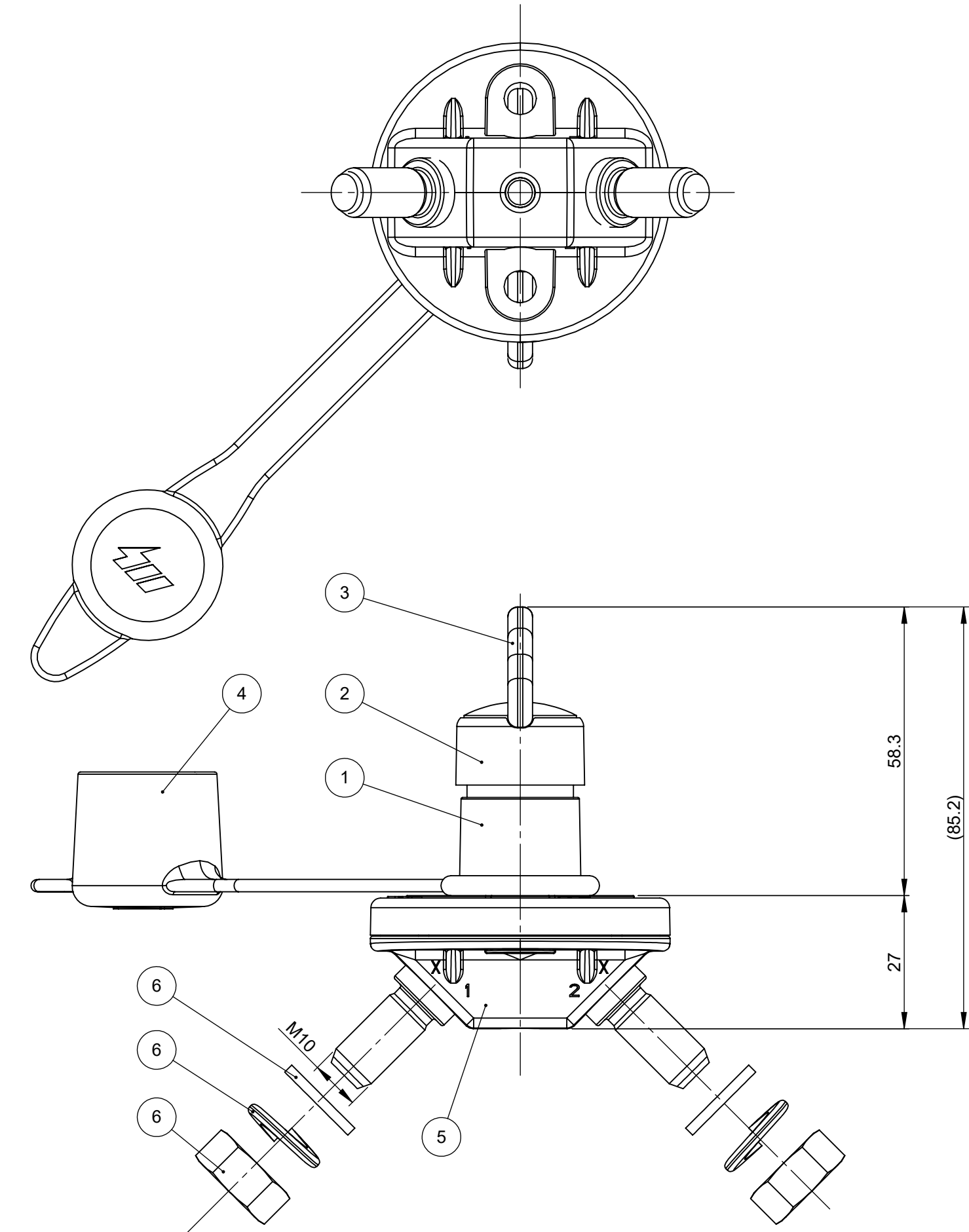
- To assemble the key, insert it and turn it clockwise of 15° taking the device in state Switched OFF; to remove it, with the device in state Switched OFF turn it counterclockwise of 15° and extraxt it

OPERATION

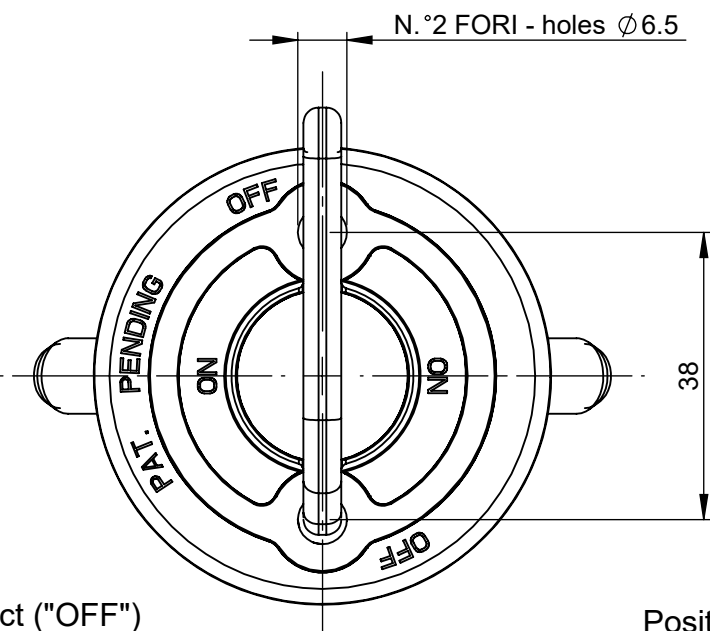
- To close the contacts: turn clockwise the key of 90°
- To open the contacts: turn counterclockwise the key of 90°

6	Kit for Bms lgc/175		1	EA
5	Lower body comoulded		1	EA
4	Cap eyelet for key	Rubber	1	EA
3	Key	Polyamide	1	EA
2	Ring protection key	Polyamide	1	EA
1	Upper body with key	Polyamide	1	EA
POS.	DESCRIPTION	MATERIAL	Q.TY	U/M

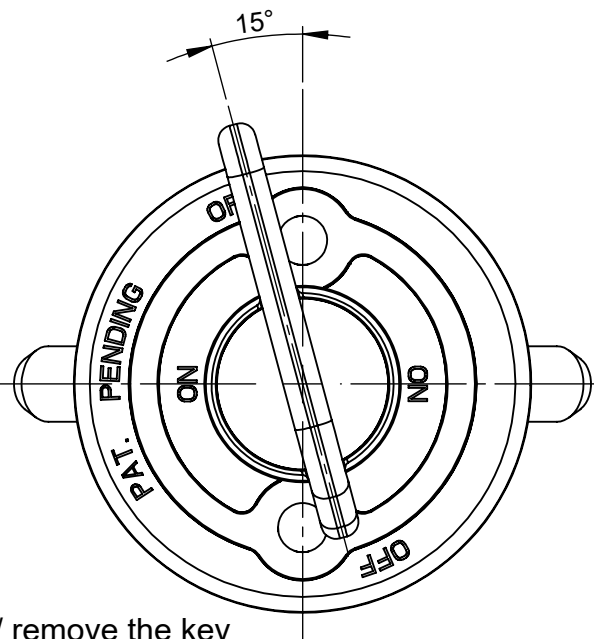
DIMENSIONS AND TOLERANCES IN MILLIMETERS. DEFINED ACCORDING TO ISO 1101-2017.						
linear dimensions						
0,5 3	>3 6	>6 30	>30 120	>120 400	>400 1000	>1000 2000
±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3
angle (for range of lengths)						
up to 10	>10 50		>50 120		>120 400	
±1°30'	±1°		±0°30'		±0°15'	
●	FIT/ FUNCTION 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					
	NAME	DATE	 Expertise Applied Answers Delivered			
DRAWN	L. Dal Molin	02-Apr-19				
CHECKED	-	-				
	-	-				
	-	-	TITLE MANUAL BDS IGC/175-C			
FORM NO:	CVP-PE40-0013	REV A				
FIRST ANGLE PROJECTION						
			SIZE:	DWG. NO.	OUTLINE	REV.
			A2	OL-08080300		A
DO NOT SCALE DRAWING	SCALE 1:1				SHEET 1 OF 1	



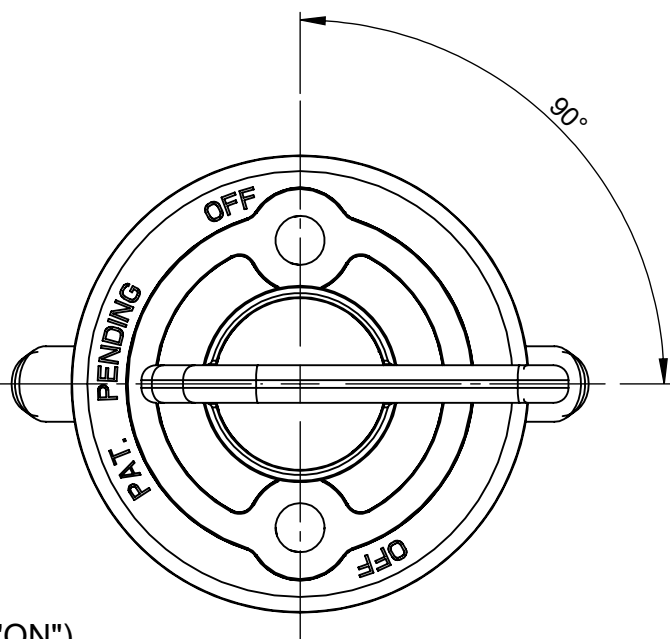
SCALE 1:2



Open contact ("OFF")
(View without flat washers
- washer springs - nuts)



Position to insert / remove the key
(View without flat washers - washer
springs - nuts and protection cap)



Closed contact ("ON")
(View without flat washers - washer
springs - nuts and protection cap)

SAP drawing number:

Material and treatments: