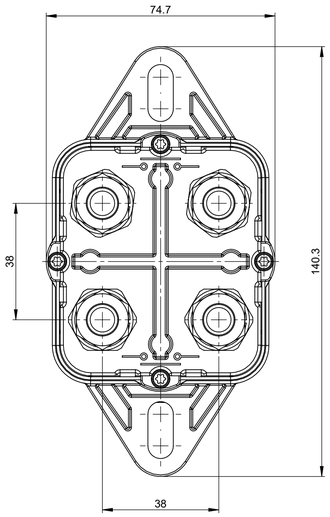
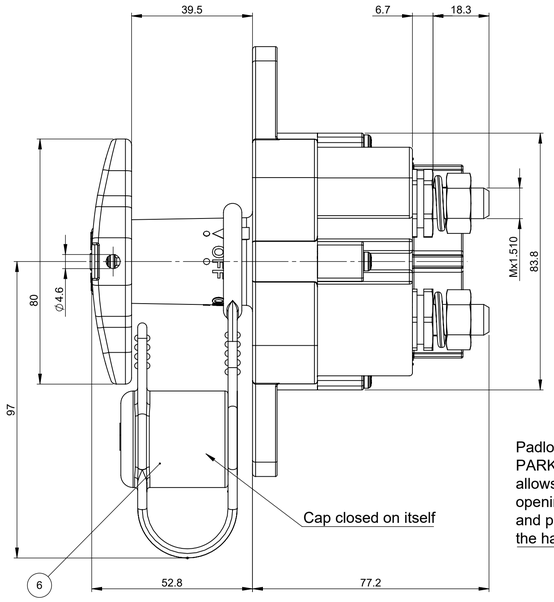
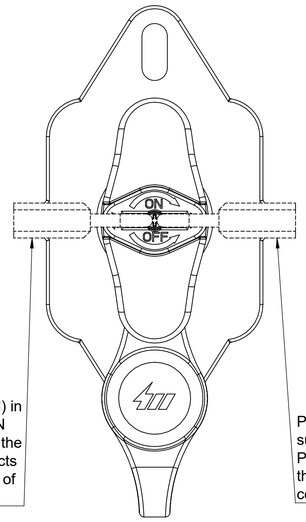
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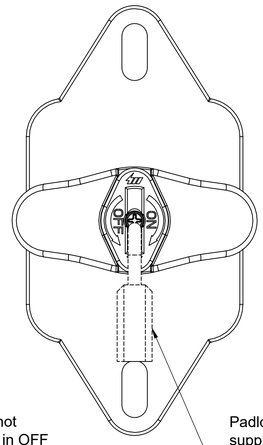
REVISIONS				
REV.	DESCRIPTION	DATE	DESIGNED	APPROVED
A	First issue of outline drawing	02-Apr-21	L.Dal Molin	M.Tinto



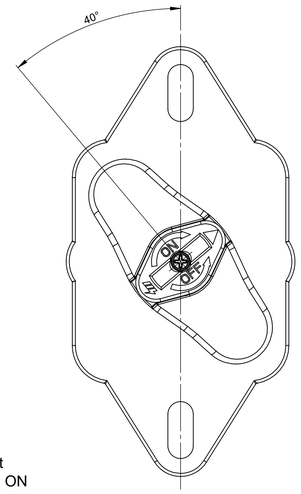




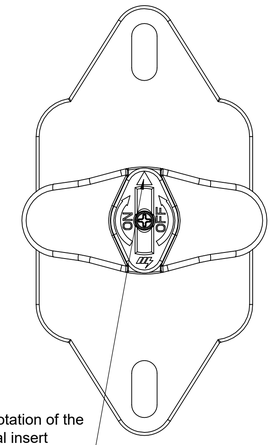
Padlock(not supplied) in PARKING POSITION allows the closing or the opening of the contacts and prevent removal of the handle



Padlock(not supplied) in OFF POSITION prevent the closing of the contacts



Padlock(not supplied) in ON POSITION prevent the opening of the contacts



The rotation of the central insert allows to obtain removable or not removable handle

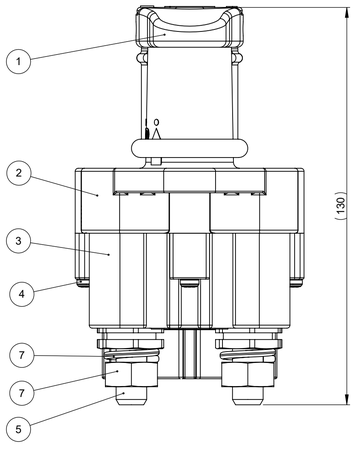
STATE OF SUPPLY

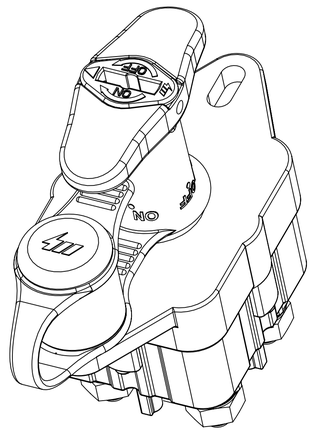
Removable handle in off position

Removable handle in on position

Insertion of the removable handle

Not removable handle in off position





ELECTRICAL CHARACTERISTICS
- Working voltage range: from 8V to 34V
- Working permanent current: 100A
- Maximum permanent current: 250A
- Maximum current 1000A for 10s
- Minimum current: 30mA
- Voltage drop max 200mV at 250A
- Insulation resistance min 10 Mohm
- Dicharge voltage min 1000V
- Cable cross section 4x70 mm²

MECHANICAL ENVIRONMENTAL CHARACTERISTICS
- Resistance to vibrations: 7g
- Number of mechanical and electrical operations: 5.000
- Max handle locking torque recommended: 7Nm
- In "NOT REMOVABLE HANDLE" configuration, the max torque from "OFF" to "removable position" is 2.5 Nm
- Net weight = about 0.74 Kg
- Screws recommended to fix the chassis M8 with locking torque of 8 ±1.5 Nm and with elastic washers and plain washers against the plastic
- Screwing torque on main contacts M10 = 18 ±4 Nm
- Diameter of padlock shackle section = 4.2-4.5 Nm

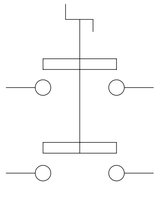
USING
- Closing contacts: turn in a clockwise direction for 90°
- Opening contacts: turn ina counter-clockwise direction for 90°
- Removable-not removable handle: to have not removable handle mount the handle and turn 180° the green insert on its top
- Lock out by padlock: a padlock can be used for lock out the IGC in ON position or OFF position or UNLOCKED POSITION(parking padlock)
- Handle removed: When the handle is removed it is necessary to aplly the rubber cap for prevent the ingress of the water
- When the cap is not used it is necessary to close on itself, as shown on the drawing, to prevent accumulation water inside.
- For further instruction please see leaflet 80175200 supplied ith the kit

TESTING
- To test characteristics according Littelfuse CPP00003 test specifications

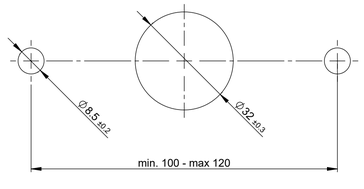
△: provided in the kit

POS.	P/N	DESCRIPTION	MATERIAL	Q.TY	U/M
7	△	Washers and nuts		4	EA
6	△	Rubber cap	Rubber	1	EA
5		Contacts M10	Copper	4	EA
4		Screw self-threading 3.5x25	Steel	4	EA
3		Lower housing	Thermoplastic	1	EA
2		Upper housing	Thermoplastic	1	EA
1		Handle	Thermoplastic	1	EA

Electrical diagram



Fixing holes



SAP drawing number: 10000111017

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

	NAME	DATE
DRAWN	L. Dal Molin	04-Dec-12
CHECKED	-	-
	-	-
	-	-

FORM NO. CVP-PE40-0013 REV.A

FIRST ANGLE PROJECTION

DO NOT SCALE DRAWING

Littelfuse
Expertise Applied | Answers Delivered

TITLE
BIPOLAR IGC 4xM10 - 250 A

SIZE A1 | DWG. NO. OL-08084000 | REV. A

SCALE 1:1 | SHEET 1 OF 1