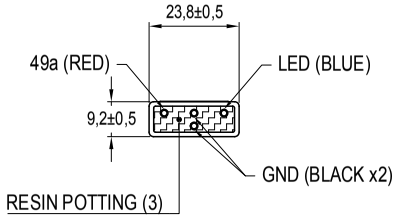
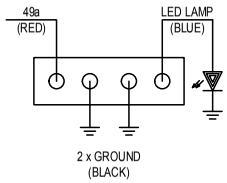
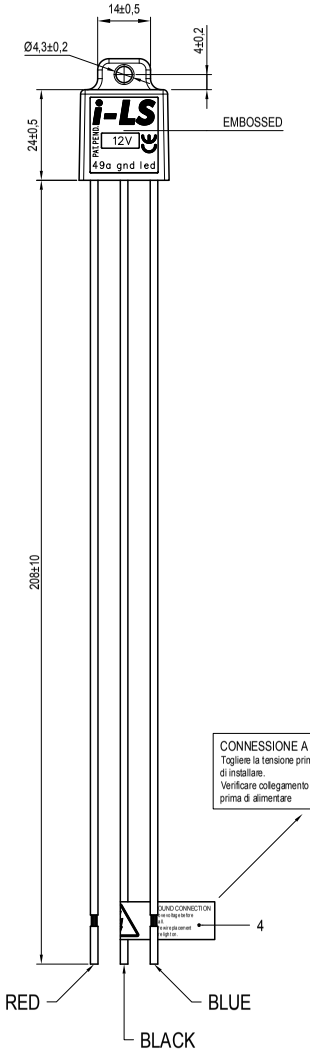
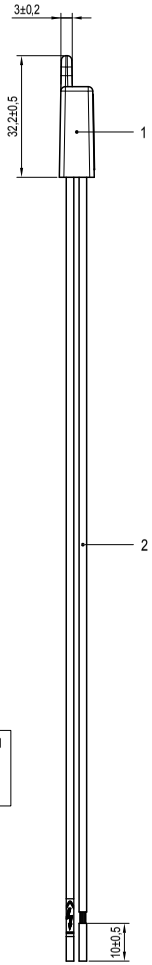


CONNECTION DIAGRAM







SCALE 2 : 1

CONNESSIONE A TERRA
Togliere la tensione prima di installare.
Verificare collegamento prima di alimentare

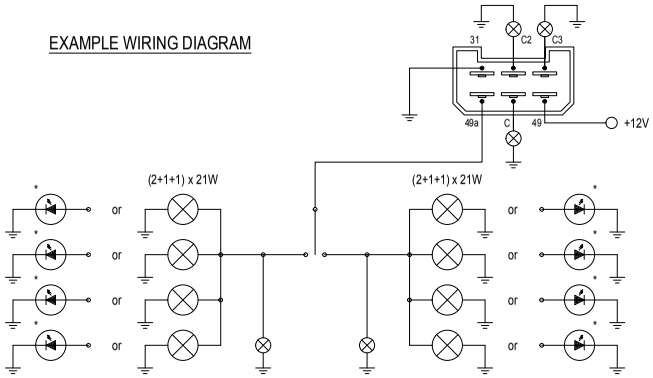
GROUND CONNECTION
Remove voltage before install.
Insure wire placement before light on.

TECHNICAL CHARACTERISTICS	
RATED VOLTAGE	12 VDC
OPERATING VOLTAGE	10,5 ÷ 16 VDC
TEST VOLTAGE	13V
OPERATING LED LAMP POWER CONSUMPTION	1W ÷ 10W @ RATED VOLTAGE
TEST TEMPERATURE	23 °C
OPERATING TEMPERATURE	-40 °C ÷ 80 °C
ELETRICAL LIFETIME (SIEMENS SN29500)	35.000 hours
CURRENT DETECTION NOMINAL FAULT IN OPERATING RANGE	35 ÷ 41 mA
MAX. PILOTABLE CURRENT IN ALL THE OPERATING RANGE	800 mA
THE FAULT DETECTION CURRENT MUST NOT EXCEED 60% OF THE CURRENT ABSORBED BY THE CLUSTER	
THE DEVICE MUST BE CONNECTED IN SERIES WITH THE LIGHT AND THE FLASHER	
THE 2 GNDS OF THE DEVICE CAN BE CONNECTED TO THE FRAME OR ON THE MASS OF THE FLASHER SAME	

MATERIALS		
1	CASE	NYLON PA6.6+30GF - COLOR: BLACK
2	CONNECTING WIRES	SINGLE CONDUCTOR COPPER CLASS "T2" 1x1mm² 300V 105°C
3	RESIN	POLYURETHANE RESIN - COLOR BLACK
4	LABEL FOR BLACK WIRES	PLASTIC - COLOR WHITE

REFERENCE STANDARD	
ISO 13207-1 ; 2012	LED LAMP CHARACTERISTICS BULB COMPAT. FAILURE DETECT.
DIN EN 4050	IP65 (Self-Certifying)
EMC ECE R20 e24 COMPLIANCE	EU DIR 2002/95/EC RoHS

EXAMPLE WIRING DIAGRAM



* = LED with INTELLIGENT LED SOLUTION BOOSTER P.N. ILS.01.H

01	HOUSING COLOR FROM GREEN TO BLACK				05/02/2020	05/02/2020
REV.	DESCRIZIONE DESCRIPTION				DATA DATE	APPROVATO APPROVED
DISEGNATO DRAWN	DATA DATE	CONTROLLATO CHECKED	DATA DATE	PROGETTO NR. PROJECT N.	Tolleranze generali vedi DIN ISO 2768. General tolerances, see DIN ISO 2768.	
NARDI	26-03-18	TESSARO	27-03-18	-		
AUTOELETTRIC S.R.L.		DESCRIZIONE PART NAME			PESO WEIGHT	SCALA SCALE
		INTELLIGENT LED SOLUTION BOOSTER 12V			17 g	1 : 1
		CODICE PART NUMBER			FOGLIO SHEET	FORMATO SIZE
QUOTE IN mm mm DIMENSIONS		ILS.01.H			1/1	A2

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