KUS

Sensing Quality, Gauging Success!

3350 Davie Road, Suite 203
Davie, FL 33314
(954)463-1075
www.kus-usa.com
www.kusauto.com/en

Product Data Sheet

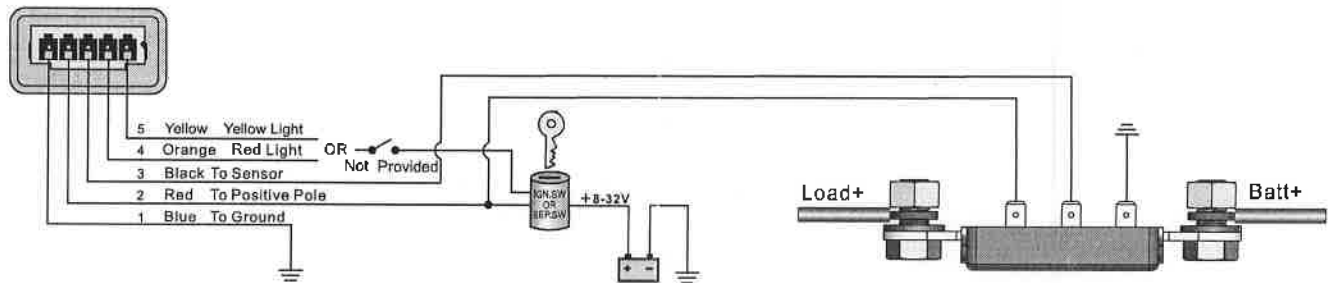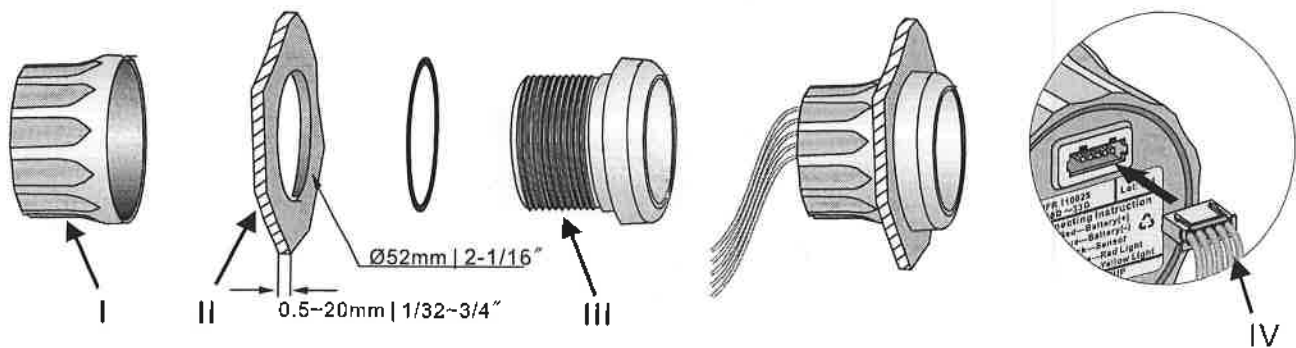|				
± 50A				
± 80A				
± 150A				

Description:	The Ammeter provides an overview of the entire electric system, signifying to the user whether the system is charging or draining the battery charge. The analog Ammeter is available for ±50A or ±80A and would require a current pick-up unit, the Digital Ammeter is available for ±150A and includes a current pick-up unit.

Product Type:	Ammeter	
Product Name:	CMAR	
Bezel:	SS 316 Stainless Steel	Black or White Plastic
Face Plate:	Black	White
Mounting Dimension:	52mm, 2"	
Protection Rating:	IP67; can work up to 1m under water	
Signal:	Matched with KUS current pick-up unit	
Indicating Range:	± 50A or ±80A or ±150A	
Movement:	Stepper motor movement	
Operating Voltage:	12/24V	
Rated Power Draw:	125mW	
Background light:	Red or Yellow	
Connector:	Multi-plug socket connection	

INSTALLATION INSTRUCTIONS

Ø52mm | 2-1/16″
0.5~20mm | 1/32~3/4″

I   II   III   IV

5 Yellow   Yellow Light
4 Orange   Red Light   OR
3 Black   To Sensor   Not Provided
2 Red   To Positive Pole
1 Blue   To Ground

IGN.SW
OR
SEP.SW   +8-32V

Load+   Batt+

INSTALLATION STEPS

1. Cut a 52 mm (2 1/16″) diameter hole in panel (II) allow clearance of 55mm (2 3/16″) behind the panel.
2. Remove fastening ring (I), insert Gauge from front. Tighten gauge (III) using fastening ring (I)
3. Insert the wire harness (IV) firmly in the gauge
4. Connect cables according to diagram. Connect to 12 or 24 Volt.
5. Choose either red or yellow back light
6. Be sure to connect the cables to the sensor correctly, otherwise charging will show as consumption (- amp).
7. Important: Ensure the main cable size is sufficient to stand the current you expect to charge or consume.