

4

CONFIGURATION	ITEM	SPECIFIATION	QTY	MAKE
GMSB101P005	ENCLOSURE	(180 X 130 mm)	1	POLYCAB
Solar Box ACDB - 1 PH 1 kW TO 3.6 kW (Indicator)	MCB	25 AMP 2P AC MCB, 50 °C, 10kA	1	POLYCAB
	SPD	1PH.MOV type SPD Uc:320V~.In:20kA.Imax:40kA.Up:≤1.5kV.Type:2,2P	1	POLYCAB/FINDER
	CABLE	4.0 mm2 AC FLEXIBLE 1.1 KV FRLS	1	POLYCAB
	LUGS	COPPER LUG WITH INSULATION & HEAT SLEEVE	1	DOWELLS
	TERMINAL BLOCK	6.0 mm2, 41A	5	ELMEX
	GLAND	POLYIMIDE CABLE GLAND PG 13.5, PG 9.	2+1	STANDARD

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CONFIGURATION	ITEM	SPECIFIATION	QTY	MAKE
GMSB101P006	ENCLOSURE	(180 X 130 mm)	1	POLYCAB
Solar Box ACDB - 1 PH 4 kW TO 6 kW (Indicator)	MCB	32 AMP 2P AC MCB, 50 °C, 10kA	1	POLYCAB
	SPD	1PH.MOV type SPD Uc:320V~.In:20kA.Imax:40kA.Up:≤1.5kV.Type:2, 2P	1	POLYCAB/FINDER
	CABLE	4.0 mm2 AC FLEXIBLE 1.1 KV FRLS	1	POLYCAB
	LUGS	COPPER LUG WITH INSULATION & HEAT SLEEVE	1	DOWELLS
	TERMINAL BLOCK	6.0 mm2, 41A	3	ELMEX
	GLAND	POLYIMIDE CABLE GLAND PG 13.5, PG 9.	2+1	STANDARD

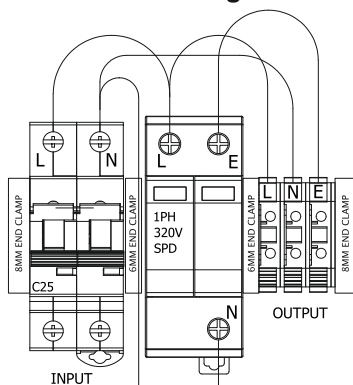
6

CONFIGURATION	ITEM	SPECIFIATION	QTY	MAKE
GMSB101P007	ENCLOSURE	(280 X 190 mm)	1	POLYCAB
Solar Box ACDB - 3 PH 5 kW TO 10 kW (Indicator)	MCB	25 AMP 4P AC MCB, 50 °C, 10kA	1	POLYCAB
	SPD	3PH.MOV type SPD Uc:320V~.In:20kA.Imax:40kA.Up:≤1.5kV.Type:2,4P	1	POLYCAB/FINDER
	CABLE	6.0 mm2 AC FLEXIBLE 1.1 KV FRLS	1	POLYCAB
	LUGS	COPPER LUG WITH INSULATION & HEAT SLEEVE	1	DOWELLS
	TERMINAL BLOCK	6.0 mm2, 41A	5	ELMEX
	GLAND	POLYIMIDE CABLE GLAND PG 13.5, PG 9.	2+1	STANDARD

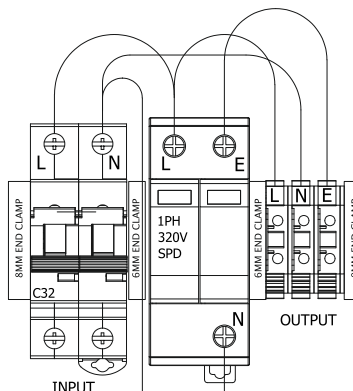
GENERAL PARAMETERS

Ingress Protection	IP 67
Enclosure	PC Transparent Cover with Hinge
Moulding	Base Moulding
Humidity	100 % Non- Condensing
Operating Condition	Temperature (-20 to +60)0c
Type of Protection	Short Circuit, Over Load & Surge Voltage Protection
UV Resistance	Yes
Compliance Standards	IS/IEC: 60898-1,IS/IEC:60947-2,IEC:60947-7-1, EN: 61643-11

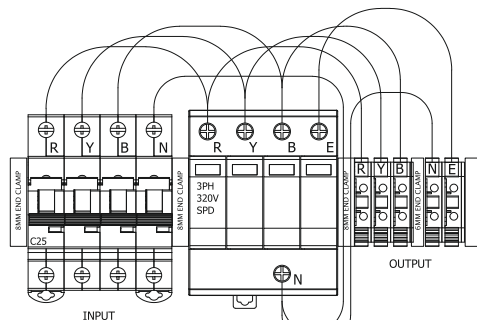
Standard Line Diagram:



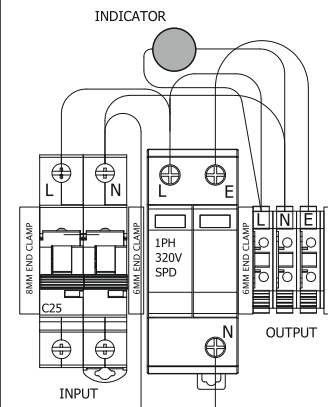
SLD FOR ACDB : 1 PH 1 kW TO 3.6 kW
ITEM CODE : GMSB101P002



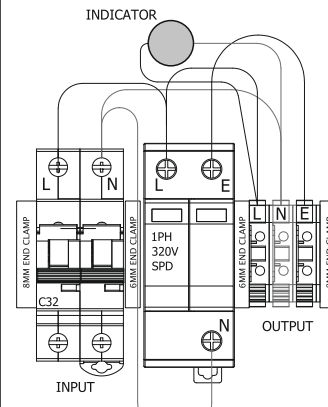
SLD FOR ACDB : 1 PH 4 kW TO 6 kW
ITEM CODE : GMSB101P003



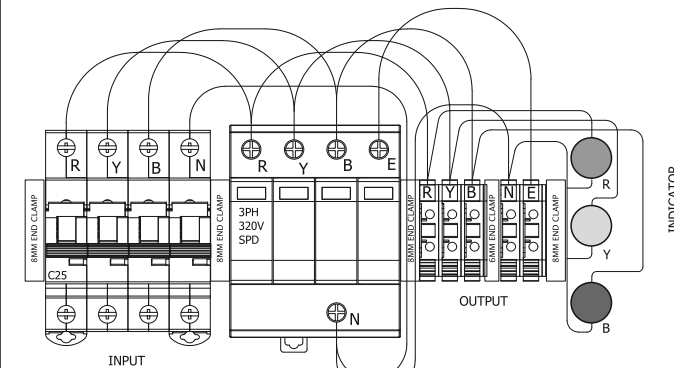
SLD FOR ACDB : 3 PH 5 kW TO 10 kW
ITEM CODE : GMSB101P004



SLD FOR ACDB : 1 PH 1 kW TO 3.6 kW
ITEM CODE : GMSB101P005



SLD FOR ACDB : 1 PH 4 kW TO 6 kW
ITEM CODE : GMSB101P006



SLD FOR ACDB : 3 PH 5 kW TO 10 kW
ITEM CODE : GMSB101P007

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PRODUCT WARRANTY

TERMS & CONDITIONS:

- 1) The warranty period for the “Solar Box” will be for 2.5 years from the date of manufacturing. In the case of any manufacturing defects that occurs under normal conditions (pursuant to our Instruction Manual) within the warranty period, exchange and/or repair will be performed by our company free of charge.
- 2) Even within the warranty period, the following conditions are NOT covered under the terms of the warranty:
- Incorrect use, which includes any use differing from the described intended purposes, or, damages suffered from any other equipment.
 - Malfunction and/or breakage/damage by fire, earthquake, wind and/or water damage, and any other extraordinary natural phenomena, as well as environmental pollution, salt pollution, abnormal voltage, etc.
 - Malfunction and/or breakage/damage caused by:
Operating the equipment under conditions which do not accord with this Instruction Manual.
Operating the equipment using methods which do not accord with this Instruction Manual.
 - Polycab's responsibility under this warranty is restricted to either repairing or replacing any defective products or parts, at its sole discretion. The repair or replacement of a defective product or part does not extend the original warranty period.
 - The warranty will be void if the components are tampered with, unauthorized modifications or alterations are made, or if there are any aesthetic changes from the original design of the products or components
 - Recommended to install near inverter avoiding direct sunlight / rainfall.
 - Any loose termination/connection at the time of installation.
 - Anything Which upon close inspection we evaluate as equivalent to any of the above.
- 3) Repairs can only be made at the Polycab India Limited factory and the products have to be sent to us regardless time in or out of the warranty period. We do not provide any on-site service.
- 4) Please understand that usually 2 weeks to 1 month of repair time are required after receipt of your order. However, it is possible that the period required may be longer if the repair in question is especially difficult, and in such cases the timeframe will be a matter for consultation.
- 5) In order to improve the productivity and efficiency of our machines, Polycab India Limited may implement improvements and changes to our products without being able to immediately notify all of our customers. For the repair of products that have been sold previously, Polycab India Limited will attempt to ensure that the component parts are repaired, but if there is a case in which this is difficult, there is a possibility that Polycab shall suggest alternative parts and other viable solutions.
- 6) All disputes shall be subject to the exclusive jurisdiction of the courts in Ahmedabad, India.

We welcome your valuable suggestions, if any to improve our products & services. Please mail us at customer@polycab.com or solar@polycab.com for other details on our products and services, visit www.polycab.com

POLYCAB

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MADE IN INDIA



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to connect with us
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POLYCAB SOLAR BOX
ACDB

FEATURES :

- IP 67 Protected Enclosure.
- Short circuit & Overload Protected.
- Surge voltage protected (1 Varistors + 1 Spark Gap)
- Copper wired with FRLS insulation.
- Wire harness tested to ensure high conductivity.
- Easy installation & service.
- Plug & Play solutions for residential solar PV installations.
- Energy Efficiency. (Applicable for MCB)
- World class Quality with Best industry Price.

General Technical Parameters :

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CONFIGURATION	ITEM	SPECIFICATION	QTY	MAKE
GMSB101P002	ENCLOSURE	(180 X 130 mm)	1	POLYCAB
Solar Box ACDB -1 PH 1 kW TO 3.6 kW	MCB	25 AMP 2P AC MCB, 50 °C, 10kA	1	POLYCAB
	SPD	1PH.MOV type SPD Uc:320V~,In:20kA,Imax:40kA,Up≤1.5kV,Type-2,2P	1	POLYCAB/FINDER
	CABLE	4.0 mm2 AC FLEXIBLE 1.1 KV FRLS	1	POLYCAB
	LUGS	COPPER LUG WITH INSULATION & HEAT SLEEVE	1	DOWELLS
	TERMINAL BLOCK	6.0 mm2, 41A	3	ELMEX
	GLAND	POLYIMIDE CABLE GLAND PG 13.5, PG 9.	2+1	STANDARD

2

CONFIGURATION	ITEM	SPECIFICATION	QTY	MAKE
GMSB101P003	ENCLOSURE	(180 X 130 mm)	1	POLYCAB
Solar Box ACDB -1 PH 4 kW TO 6 kW	MCB	32 AMP 2P AC MCB, 50 °C, 10kA	1	POLYCAB
	SPD	1PH.MOV type SPD Uc:320V~,In:20kA,Imax:40kA,Up≤1.5kV,Type-2,2P	1	POLYCAB/FINDER
	CABLE	4.0 mm2 AC FLEXIBLE 1.1 KV FRLS	1	POLYCAB
	LUGS	COPPER LUG WITH INSULATION & HEAT SLEEVE	1	DOWELLS
	TERMINAL BLOCK	6.0 mm2, 41A	3	ELMEX
	GLAND	POLYIMIDE CABLE GLAND PG 13.5, PG 9.	2+1	STANDARD

3

CONFIGURATION	ITEM	SPECIFICATION	QTY	MAKE
GMSB101P004	ENCLOSURE	(230 X 200 mm)	1	POLYCAB
Solar Box ACDB -3 PH 5 kW TO 10 kW	MCB	25 AMP 4P AC MCB, 50 °C, 10kA	1	POLYCAB
	SPD	3PH.MOV type SPD Uc:320V~,In:20kA,Imax:40kA,Up≤1.5kV,Type-2,4P	1	POLYCAB/FINDER
	CABLE	6.0 mm2 AC FLEXIBLE 1.1 KV FRLS	1	POLYCAB
	LUGS	COPPER LUG WITH INSULATION & HEAT SLEEVE	1	DOWELLS
	TERMINAL BLOCK	6.0 mm2, 41A	5	ELMEX
	GLAND	POLYIMIDE CABLE GLAND PG 13.5, PG 9.	2+1	STANDARD