

## EVAAN LED ROTARY DISTRIBUTION BOARD

### TECHNICAL DETAILS

Conformance to standards:	Operating Conditions:	Switch Life :	
European: IEC60947-1 IEC60947-3 IEC60947-5 Indian: IS13947-1/3/5	Frequency : 50/60 Hz Operating Temp. :-25C to 60C Overvoltage category : III Storage: -40C to 80 C Max. Altitude: 2000 m IP:50Front	Mechanical Life:1 Lac operations@300 Cycles/hr  ElectricalLife:10,000 operations @100%Rated duty at 120 cycles/hr Contacts: Double break type AgCdO	
Parameter		Unit	63A
Rated operational voltage (Ue)		V	690
Rated Insulation voltage (Ui)		V	690
Rated operational current (Ie)		A	63
Conventional free air thermal		A	63
Rated short time withstand current (Icw)	(1s- Current)	A	756
Rated Fuse short circuit current		KA	10
Fuse size (Type gG /gM)		A	63
AC23A3phase	220-240V	KW	11
	380-440V	KW	18.5
	500V	KW	22
	660-690V	KW	22

### PRODUCT FEATURES

#### Three Phase Indication

The three LED indicate the presence or absence of phases R, Y, and B Respectively. Therefore does not require an additional indicating device in the distribution board.

#### Output Indication

Selected Output Phase Indication. Therefore does not require an additional indicating device in the distribution board.

#### Wiring Routing

No need of external wiring for indication device. Input connections are internally derived from bus bar.

#### Compact Size

Their compact dimensions optimize the space inside distribution boards. They have been specially designed to make wiring and use easier

#### Reliable Design

These switches are tested in various laboratories as per National and International standards for performance and user safety a

#### Quick & Easy Installation

Captive +/- screw save installation time. The ability to assemble a bus bar on a direct on switch terminal

#### Protection Class

IP 50 protection class from front of cam switch to eliminate the risk of touching live parts without adding any protective covers

### APPLICATIONS

#### Phase Changeover Switch

The cam switch is used for the changeover/shift of the supply from one phase to another phase. In Phase Selection Distribution Board, the phase priority selection is manually carried out by selector switch & user can select the desired selection of phase according to his own choice i.e. R Phase, Y Phase, B Phase.

#### Phase Selector DB

Phase selector DB's provide flexibility in selecting and interchanging the phases in case there is a power outage in one particular phase.



63A. CAM SWITCH WITH SINGLE LED



63A. CAM SWITCH WITH THREE LED

Code	Description	No Of Modules			M.R.P.₹	HSN Code : 85371000
		Ways	Incomer	Outgoing		

### IP43 TPN DOUBLE DOOR PHASE SELECTOR ROTARY DB'S WITH EVAAN LED ROTARY WIRING ASSEMBLY - 40 / 63AMPS

HLDDREAL04	4 WAY ROTARY D.B- ECONOMY	4	6	12	11500.00
HLDDREAL06	6 WAY ROTARY D.B- ECONOMY	6	8	18	12250.00



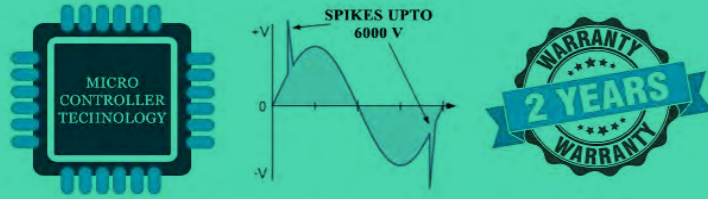
### IP43 TPN DOUBLE DOOR PHASE SELECTOR ROTARY DB'S WITH EVAAN LED ROTARY WIRING ASSEMBLY - 40 / 63AMPS

HLDDRPAL04	4 WAY ROTARY D.B- PREMIUM	4	8	12	12000.00
HLDDRPAL06	6 WAY ROTARY D.B- PREMIUM	6	8	18	12500.00
HLDDRPAL08	8 WAY ROTARY D.B- REGULAR	8	8	24	12900.00



RELIABLE  
PRODUCTS  
FOR A  
SEAMLESS  
EXPERIENCE

## AUTO PHASE SELECTOR



- The Digital Change Over Is A Marvel Of Ingenuity And Engineering And Has A Specially Programmed Micro Controller As The Heart Of The Product.
- Compact Device & Absolutely Dependable To Perform The Task It Has Been Designed.
- Safety Measurements To Protect All Electrical & Electronics Devices.
- Effortlessly Withstands Voltage Fluctuations Up To 460 Voltage And Spikes Up To 6000 Voltage
- Power-ON Delay For 7 Seconds ( Configurable ) For Initial Surges.
  - Microcontroller Based Transformer-less Design.
  - DFI Technology For High Switching Noise Environment.
  - Neutral Open Protection ( Protection Up To 460 Volts).
  - Under ? Over Voltage Protection.
  - Withstands Up To 6000v Spikes.
  - No Wave Form Distortion.
  - Improper Input Contacts Protection And Identification.
  - Intelligent Smart Start For Continuous Voltage Fluctuation.
  - Load Protection From Improper Input Termination With Indication.
  - Line Monitoring Indication With Extreme Low & High Voltage Identification.

TECHNOLOGY	CAPACITY	LOW CUT OFF	HIGH CUT OFF	ON DELAY	DISPLAY
MICRO CONTROLLER	50 / 100 AMPS	160 VAC	270 VAC	7 Sec	LED / LCD

\*120 & 160 Amps Available On Request

Code	Description	No Of Modules	M.R.P. ₹	HSN Code : 85371000
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Ways : Incomer : Outgoing :

### IP43 TPN DB AUTOMATIC PHASE SELECTOR ROTARY DB'S - SMART DB

HLDDRAS04	4WAY DD SMART DB	4	8	12	28700.00
HLDDRAS06	6WAY DD SMART DB	6	8	18	30900.00
HLDDRAS08	8WAY DD SMART DB	8	8	24	33200.00



### IP30/IP43 THREE PHASE AUTOMATIC ROTARY DB

HLDDPCS50	CHNAGEOVER SMART DB - 50A	-	-	-	21000.00
HLDDPCS100	CHANGEVER SMART DB - 100A	-	-	-	26000.00



## WHY HELLO ...?

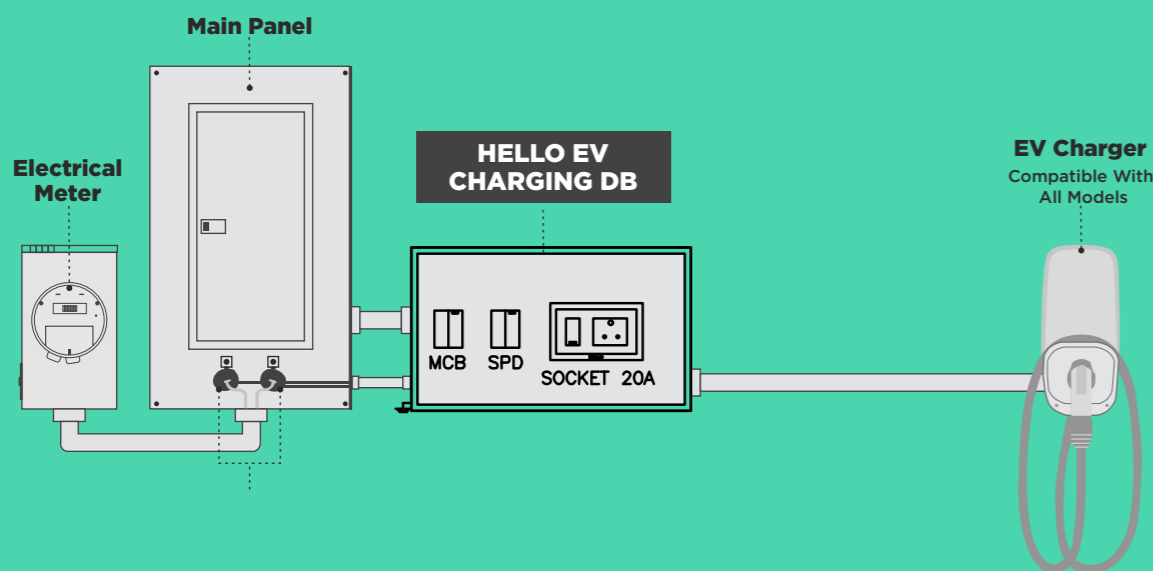
KEY POINTS	HELLO	OTHER
6000 Volts Surge Protection	Available	Not Available
Neutral Protection	Available	Not Available
Voltage Indication	Available	Not Available
Current Indication	Available	Not Available
Low Voltage Cut-OFF	Available	Not Available
High Voltage Cut-OFF	Available	Not Available
Warranty	2 years	1 year
Serviceable Electronics	Possible	Not Possible
Picture		

NEVER FORGET ABOUT SAFETY.



# EV Readiness

The Hello EV Charger DB Allows The Connection Of An EV Charger To A Home Electric Panel That Otherwise Would Not Have Sufficient Capacity To All The Connection.



**ELECTRICAL INFRASTRUCTURES**

**CHARGING INFRASTRUCTURES**

## Why

- ▶ It Is Often Much More Difficult To Install Electric Infrastructure After A Building Is Constructed.
- ▶ Access To Convenient Charging Is A Key Factor In EV Adoption

Code	Description	No Of Modules	M.R.P. ₹	HSN Code : 85371000
Ways : Incomer : Outgoing :				
<b>IP43 DOUBLE DOOR EV CHARGING DISTRIBUTION BOARD</b>				
HLDDEVK	EV BATTERY CHARGE DD DB	-	-	8000.00
<b>IP43 DOUBLE DOOR EV CHARGING DISTRIBUTION BOARD</b>				
HLDDEVCT	EV BATTERY CHARGE WITH TIMER DD DB	-	-	19800.00

## Know your EV Charging Stations

AC Level 1	AC Level 2	DC Fast Charge
<b>Voltage</b> 120V 1-Phase AC	<b>Voltage</b> 208V or 240V 1-Phase AC	<b>Voltage</b> 208V or 480V 3-Phase AC
<b>Amps</b> 12 – 16 Amps	<b>Amps</b> 12 – 80 Amps (Typ. 32 Amps)	<b>Amps</b> <125 Amps (Typ. 60 Amps)
<b>Charging Loads</b> 1.4 to 1.9 kW	<b>Charging Loads</b> 2.5 to 19.2 kW (Typ. 7kW)	<b>Charging Loads</b> <90 kW (Typ. 50kW)
<b>Charge time for vehicle</b> 3 – 5 miles of range per hour	<b>Charge time for vehicle</b> 10 – 20 miles of Range per hour	<b>Charge time for vehicle</b> 80% Charge in 20 – 30 minutes

