

# PowerSelector V2H

## *Electric Vehicle to Home*

Protect your home or business against blackouts, by connecting your EV V2L output to supply power to your lights and power outlets when the mains grid is down.



- ☑ Hager 2-pole Selector Switch: Neutral switching avoids MEN link tripping earth fault protection
- ☑ Hager RCBO combo combining RCD and MCB functions
- ☑ Indicator lights to show the status of input and output power
- ☑ Industrial Enclosure made of ASA fire-resistant material
- ☑ EVSE Plug with control circuit to set EV V2L
- ☑ Power Monitoring CT to display on phone or computer

Section	Specification	Value
Switch	Brand	Hager
	Voltage Rating	240 VAC
	Peak Voltage	6,000 V
	Switch Current Rating	40 A
	Peak Current	600 A
	Number of Poles	2 (Active & Neutral)
	Transfer Type	Break-Before-Make
	Mechanical Endurance	200,000 cycles
	Tightening torque	1.8 Nm
RCBO	Number of poles	2 P
	Rated current	40 A
	Short circuit current	6 kA
	Curve	C
	Voltage Rating	240 VAC
	Peak Voltage	4,000 V
	Residual operating current	30 mA
	Residual current type	A
	Electric endurance	2,000 cycles
	Tightening torque	2.1 Nm
Indicator lights	RED	Mains Grid (Input)
	YELLOW	EV V2L (Input)
	GREEN	Loads (Output)

Section	Specification	Value
Enclosure	Mounting Type	Wall
	Standards Compliance	IEC 60670-1:2002, IEC 60670-24:2005
	Dimensions (H x W x D)	318 x 258 x 142 mm
	Material	Acrylonitrile Styrene Acrylate (ASA)
	Protection Degree - door closed / open	IP 65 / IP 22
	Insulation Class	II
	Cover	Door with Latch
EV Connection	EVSE Plug	Type 2 (Mennekes) Male
	Cable rating	32 A
	Cable length	7 m
	Control Circuit	Set EV to V2L
Monitoring	Measurement type	CT
	Communications	Wifi
	Data	Power (W), Voltage (V)
General	Warranty	2 years
	Cable size max	16 mm <sup>2</sup>
	Operating Temperature	-20 to 40 °C

