

Points between the manufacturer (P&V Elektrotechniek) and the user that need an agreement.

The requirements for the standard IEC61439 are mostly listed in the specifications of the customer:	If the customer does not specify these requirements, P&V Elektrotechniek uses following criteria:
Standard	IEC61439
Rated insulation voltage (Ui)	450Vac
Impulse withstand voltage (Uimp)	4kV
Overtoltage Category (OVC)	No surge arrester foreseen
Frequency	50Hz
Altitude	≤ 2000 m.
Maximum relative humidity	50% at 40°C
Ambient air temperature	35°C
Type of panel: material	Sheet steel
Type of panel: color	Standard color supplier
IP-degree: intern	IPXX-B
IP-degree: extern	IP20
Location of the panel	Inside
External mechanical Impact (IK)	IK 07
UV-resistance	Not applicable panel inside
Pollution degree	3
Internal separation	1
Cable glands	No
Corrosion resistance	Weight A
Cascading	No
Selectivity	No
Rated diversity factor (RDF)	0,6
Circuit breakers characteristics trip curve	According to specifications manufacturer
Wiring	H05/H07 V2K
Color code: power	Black / Blue
Color code: measurement (analog)	Not protected / not covered
Color code: control: 230V	Red
Color code: control: 24VAC	Red
Color code: control: 24VDC: -	Dark blue
Color code: control: 24VDC: +	Dark blue
Color code: current transformer	Brown
Color code: external power supply	Orange
Megger Insulation test	Panels < 250A
Dielectric Withstanding Voltage test	Panels ≥ 250A
Packing details	Cardboard & plastic, disposable packing
Delivery details	Assembled