

P&VPANELS

The requirements for the standard IEC61439 are mostly listed in the specifications of the customer:

Standard
Rated insulation voltage (Ui)
Impulse withstand voltage (Uimp)
Overvoltage Category (OVC)
Frequency
Altitude
Maximum relative humidity
Ambient air temperature
Type of panel: material
Type of panel: color
IP-degree: intern
IP-degree: extern
Location of the panel
External mechanical Impact (IK)
UV-resistance
Pollution degree
Internal separation
Cable glands
Corrosion resistance
Cascading
Selectivity
Rated diversity factor (RDF)
Circuit breakers characteristics trip curve
Wiring
Color code: power
Color code: measurement (analog)
Color code: control: 230V
Color code: control: 24VAC
Color code: control: 24VDC: -
Color code: control: 24VDC: +
Color code: current transformer
Color code: external power supply
Megger Insulation test
Dielectric Withstanding Voltage test
Packing details
Delivery details

If the customer does not specify these requirements, P&V Panels uses following criteria

IEC61439
450Vac
4kV
No surge arrester foreseen
50Hz
≤ 2000 m.
50% at 40°C
35°C
Sheet steel
Standard color supplier
IPXX-B
IP20
Inside
IK 07
Not applicable panel inside
3
1
No
Weight A
No
No
0,6
According to specifications manufacturer
H05/H07 V2K
Black / Blue
Not protected / not covered
Red
Red
Dark blue
Dark blue
Brown
Orange
Panels < 250A
Panels ≥ 250A
Cardboard & plastic, disposable packing
Assembled

013 61 11 00

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