

Renley manufacture a complete range of Low Voltage panels to DIN standard for the Irish and European Markets for transformer, substation and wind farm applications both indoor and outdoor up to 2,500 Amp rated with up to 10 outgoing fused ways.

- Substation type panels for Indoor or Unit substation design.
- Extension Panels available
- 2, 4, 6, 8 or 10 Way panels
- Rating from 600 to 2500 Amp
- Three Pole Disconnect or Rotary LBS
- Power meter or MDI
- CT's or Rogowski Coils
- Incoming cables up to 300 sqmm or Flexible Laminates
- Outgoing cables up to 300 sqmm
- Generator Connections
- Fully Shrouded – IP 23
- Flame Retardant UL 94VO
- Fully Type Tested to IEC 60947-1 & ESB Specification 16445
- Accessories – Fusestrips, Ganged Fusestrips and ganged disconnectors.

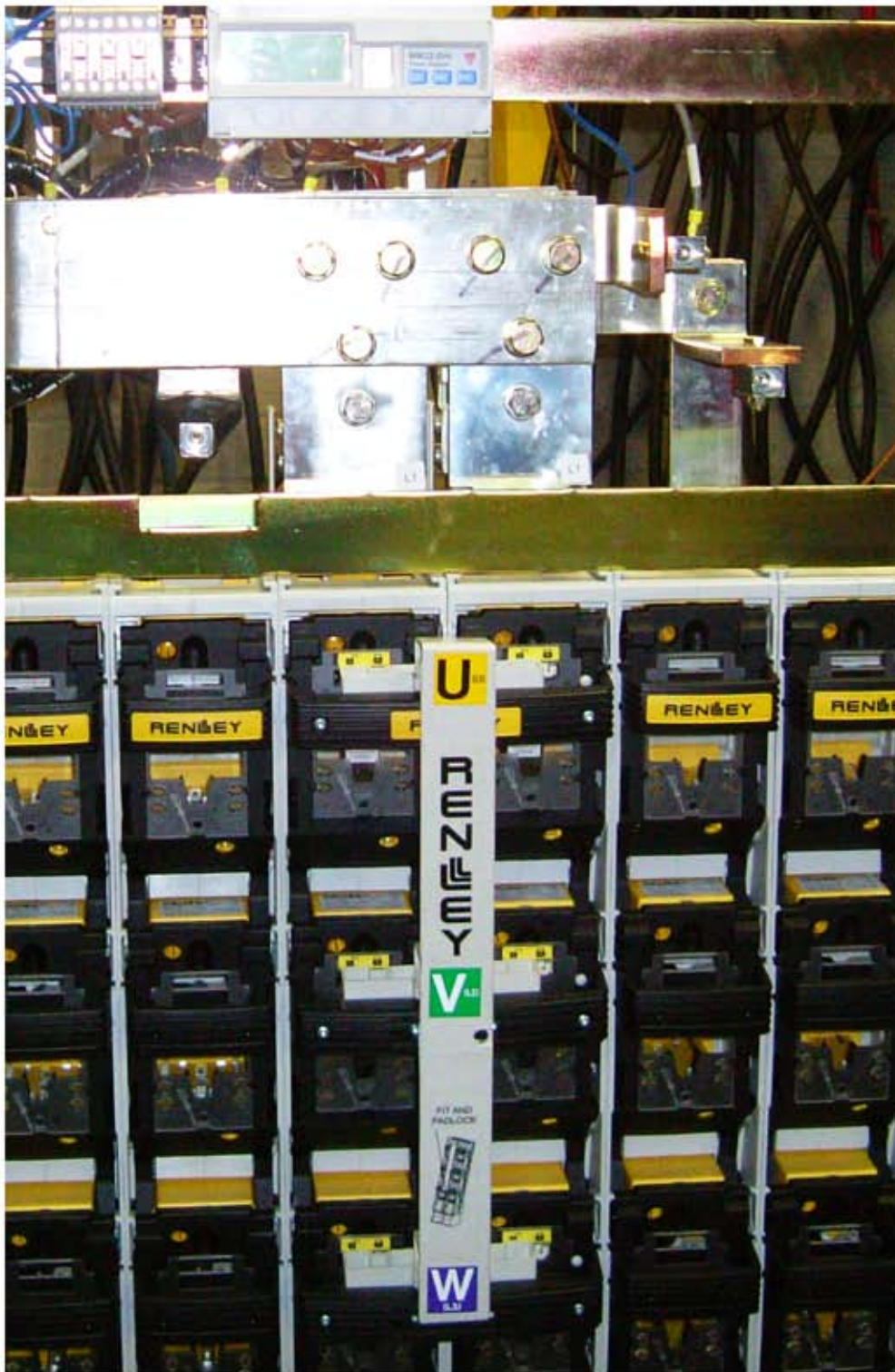
Design advantages:

- Panels may be easily modified
- Panels manufactured to specific customer specification
- Shrouding designed to DIN standard
- DIN standard allows for better safety and reliability
- Range of accessories available to cater for individual network configuration.



LV DIN Panel Range





Key Features on LV DIN Panel Range:

- Complies with EN 50110 – 1, Operation of Electrical Installations, with regard to live working.
- Panels can be modified to specific customer specification
- Designed to IP2X standard of protection
- Facility to connect generators to live panels

Test approved:

- Type tests performed in accordance with IEC 60439-1 and EN 50300.
- Operation tests on NH fuses performed in accordance with IEC 60269-1.
- Type tests successfully carried out include:
- Short circuit withstand to 37kA for 1 seconds
- Temperature Rise
- Dielectric verification

	Substation LV DIN Panels			
	200kVA	400kVA	Indoor	Extension
Width of Panels	530 mm	730 mm	1040 mm	800 mm
Weight of unit	69 kg	98 kg	144 kg	76 kg
Fire resistance	UL94 VO	UL94 VO	UL94 VO	UL94 VO

	Disconnectors		Fuse-Strips	
	1200A	2000A	Single Phase	Ganged
Rated Current	1200 A	2000 A	630 A	1200 A
Short-circuit withstand (1 Sec.)	25 kA _{rms}	37 kA _{rms}	80 kA _{rms}	80 kA _{rms}
Rated Impulse withstand Voltage	6 kV _{peak}	6 kV _{peak}	6 kV _{peak}	6 kV _{peak}
Rated Voltage	500 V	500 V	500 V	500 V
Rated Frequency	50Hz	50Hz	50Hz	50Hz
Rated Insulation Res.	1000MΩ	1000MΩ	1000MΩ	1000MΩ