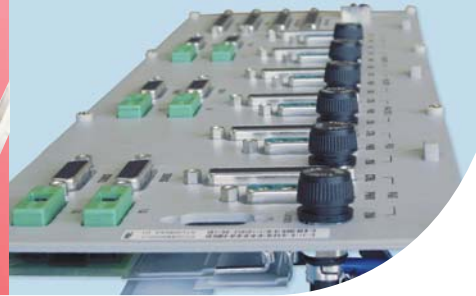


ID Tronic



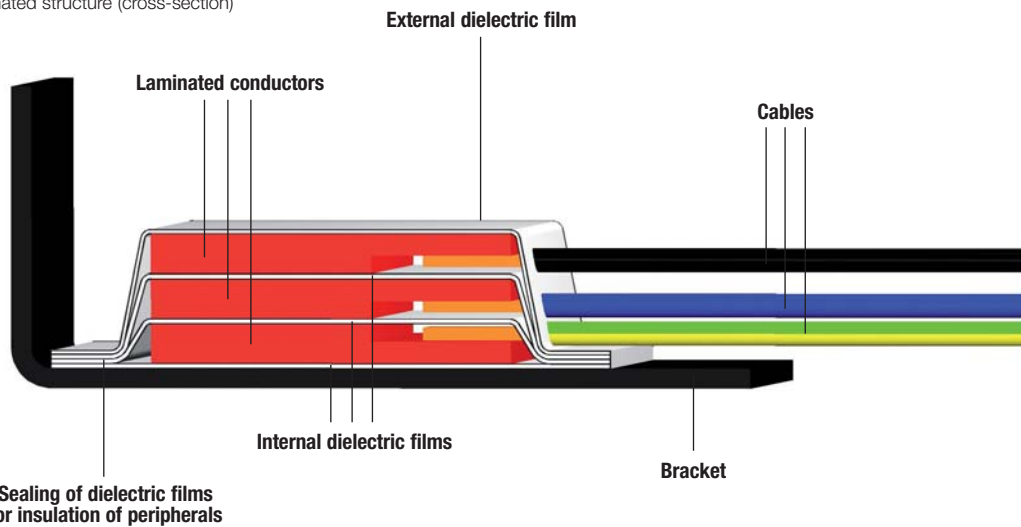
SPECIFICATION SHEET

Applications

Cabinet power distribution for different types of electronic systems (telecommunication, mobile telephony base station, servers, data storage bays, inverters, power distribution panels, etc.).

DESCRIPTION

Laminated structure (cross-section)



SPECIFICATIONS

Voltage (AC/DC)	380V max.
Current	250A max.
Electrical conductor	Copper, copper alloys and aluminium
Insulation	Polyester dielectric film
Support and shielding	Steel, stainless steel, galvanised steel, aluminium
Electrical tests applicable to qualification	High pot test (<2500V), electrical continuity, contact resistance, insulation resistance at 500V, capacitance
Electrical tests applicable in production	High pot test (<2500V), electrical continuity, contact resistance, insulation resistance at 500V
Applicable certifications	RoHs, UL94, UL1015...

Insulation type	DC02	DC Thermic
Min. Temperature	-40°C	-50°C
Max. continuous temperature	+95°C	+125°C
Maximum peak temperature	+105°C	+150°C
Maximum relative humidity*	95%	95%

* Bus Bar lifetime will depend on temperature and humidity levels.



CONNECTIONS

Cable equipped with lug.
Waterproof protection
available



Connection hardware
for plug-in circuit-breaker
"Bullet" Connectors



Cable equipped with contacts



Connector installed on Bus Bar



Harness equipped with connectors



Fast-on® tabs



Standoff



Spacer



Mixed data/power connector



Clinch stud



COMPONENTS

Protection fuse



Printed circuit



Circuit-breaker



Interlock contactor



Power connector



Cable



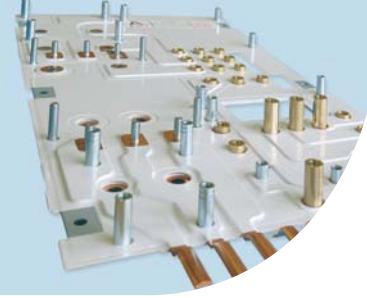
Idealec
BUS BAR

Infinitely
skilled

CITY PARC
Rue Claude Chappe
25300 Pontarlier - France
Tel: +33 (0)3 81 46 99 11
Fax: +33 (0)3 81 46 99 59
Email: contact@idealec.com
www.idealec.com

Building #4
No. 318 ChengYinRoad
200444 Shanghai - China
Tel: +86 (21) 3616 0318
Fax: +86 (21) 6107 7820
Email: contact@idealec.cn

ID Drive



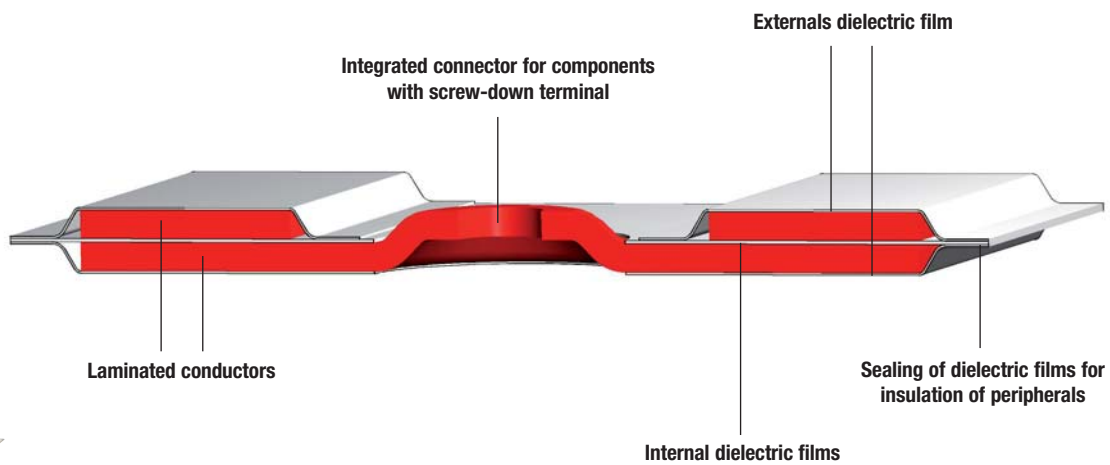
SPECIFICATION SHEET

Applications

Power distribution and interconnection for electronic control and regulation systems such as variable speed drives, the electrical conversion of alternatively generated energy sources (wind, solar), generators, power supplies, industrial inverters, batteries and energy accumulators, etc.

DESCRIPTION

Laminated structure (cross-section)



SPECIFICATIONS

Voltage (AC/DC)	1500V max.
Current	1000A max.
Electrical conductor	Copper, copper alloys and aluminium
Insulation	Polyester dielectric film
Support and shielding	Steel, stainless steel, galvanised steel, aluminium
Electrical tests applicable to qualification	High pot test (<5000V), insulation resistance at 500V, partial discharge test, capacitance, DC/AC resistance, inductance
Electrical tests applicable in production	High pot test (<5000V), partial discharge test at 1.5 Vn/1.1 Vn
Applicable certifications	RoHs, UL94, UL1776...

Insulation type	DC02	DC Thermic
Min. Temperature	-40°C	-50°C
Max. continuous temperature	+95°C	+125°C
Maximum peak temperature	+105°C	+150°C
Maximum relative humidity*	95%	95%

* Bus Bar lifetime will depend on temperature and humidity levels.

CONNECTIONS

Clinch stud		Clinch nut	
Standoff		Connection hardware with captive screw	
Integral or Welded Fast-on® tab		Flexible power supply terminal	
Captive floating spacer		Welded power supply terminal	
Spacer		Reinforced electrical insulation on the connection terminal	
Integrated flexible connector, flat or stamped		Connection hardware for CMS soldering	
Integrated connection		Flexible braid	

COMPONENTS compatible with Idealec Bus Bars

Circuit-breaker	Resistor	Cable
Fuse	Battery or accumulator	Printed circuit Board
Capacitor	IGBT, GTO	Heat exchanger
Inductor	Diode	Current sensor
Temperature probe	Shunt	Contactors

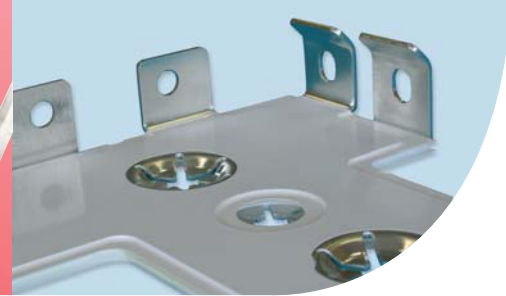


Infinitely skilled

CITY PARC
Rue Claude Chappe
25300 Pontarlier - France
Tel: +33 (0)3 81 46 99 11
Fax: +33 (0)3 81 46 99 59
Email: contact@idealec.com
www.idealec.com

Building #4
No. 318 ChengYinRoad
200444 Shanghai - China
Tel: +86 (21) 3616 0318
Fax: +86 (21) 6107 7820
Email: contact@idealec.cn

ID Motion



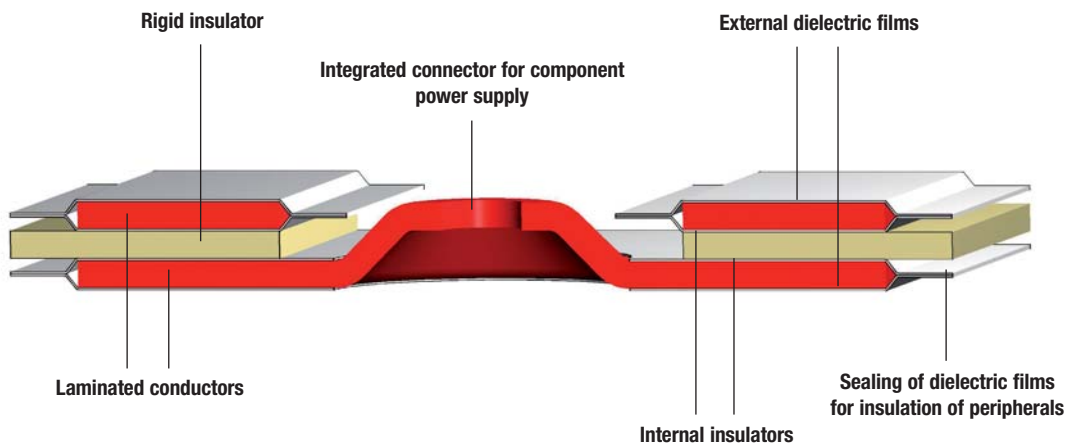
SPECIFICATION SHEET

Applications

Power distribution and interconnection for stationary and on-board traction systems of rail equipment, the electrical conversion of alternatively generated energy source (wind, solar), interconnection to a power network or industrial equipment, home power, etc.

DESCRIPTION

Laminated structure (cross-section)



SPECIFICATIONS

Voltage (AC/DC)	>1000V
Current	>1000A
Electrical conductor	Copper, copper alloys and aluminium
Insulation	Polyester dielectric film/composite material
Support and shielding	Steel, stainless steel, galvanised steel, aluminium, plastic
Electrical tests applicable to qualification	High pot test (>5000V), insulation resistance at 500V, partial discharge test, capacitance, DC/AC resistance, inductance
Electrical tests applicable in production	High pot test ($2V_n + 1500V$), partial discharge test at $1.5 V_n/1.1 V_n$
Applicable certifications	UL94, NFF 16101, NFF 16102, IEC1287...

Insulation type	DC02	DC Thermic
Min. Temperature	-40°C	-50°C
Max. continuous temperature	+95°C	+125°C
Maximum peak temperature	+105°C	+150°C
Maximum relative humidity*	95%	95%

* Bus Bar lifetime will depend on temperature and humidity levels.



CONNECTIONS

Clinch stud



Clinch nut



Standoff



Connection hardware with captive screw



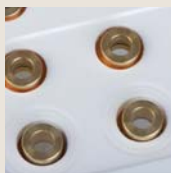
Integral or Welded Fast-on® tab



Flexible power supply terminal



Captive floating spacer



Welded power supply terminal



Spacer



Reinforced electrical insulation on the connection terminal



Integrated flexible connector, flat or stamped



Spacer with oblong hole



Flexible braid



COMPONENTS compatible with Idealec Bus Bars

Fuse

Resistor

Cable

Capacitor

Low-inductance power connectors

Heat exchanger

Inductor

IGBT, GTO

Current sensor

Temperature probe

Diode

Idealec
BUS BAR

Infinately skilled

CITY PARC
Rue Claude Chappe
25300 Pontarlier - France
Tel: +33 (0)3 81 46 99 11
Fax: +33 (0)3 81 46 99 59
Email: contact@idealec.com
www.idealec.com

Building #4
No. 318 ChengYinRoad
200444 Shanghai - China
Tel: +86 (21) 3616 0318
Fax: +86 (21) 6107 7820
Email: contact@idealec.cn