

New ! For Sidel SBO
Universal blowers
2-year warranty

OVR10 - the power controller for IR oven on PET Blowing machines

The compact **OVR10** with high IP65 protection rating can be used nearby each oven of the machine for easier integration and perfect control of the Heating process.



Global feature

The power controller OVR10 is directly connected with Harting Plugs to an oven and to the AC power supply.

OVR10 is a Profibus DP slave and connected to the 24VDC supply.

Mechanical specifications

Housing in stainless Steel 304L (380 x 300 x 170 mm).

Technical specifications

Up to 10 Channels regulated for Power or Voltage with +/- 0.5% accuracy.

Control mode of channels, zero crossing or Phase angle.

Fast detection of broken Lamp (max 200 mS).

Profibus DP Slave at 12 Mb/s.

Ambient temperature 0 to +50°C.

Degree of protection IP65.

Electrical specifications

Power Supply: 2 (Phases + Ground) 180 to 530 VAC – 47 to 63 HZ – 75A max.

Channels: 10 protected by fuses with 100 kA breaking capability.

Power per Channel: In up to 10A RMS with x15 In for starting current.

DC power supply: 24VDC / 250mA

Fieldbus: Profibus DP Slave at 12 Mb/s

OVR10 replaces :

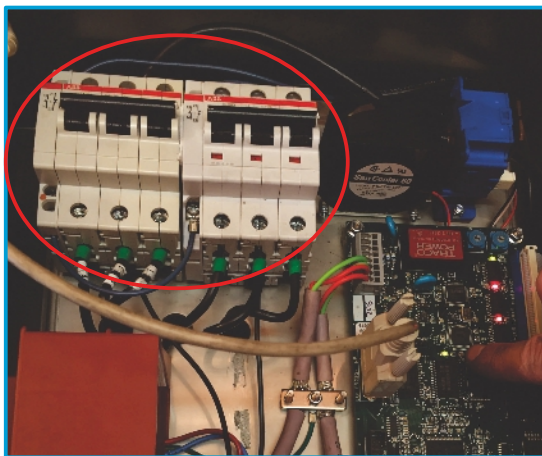
- OLICORP PWR-SDL
- OLICORP IRS 10



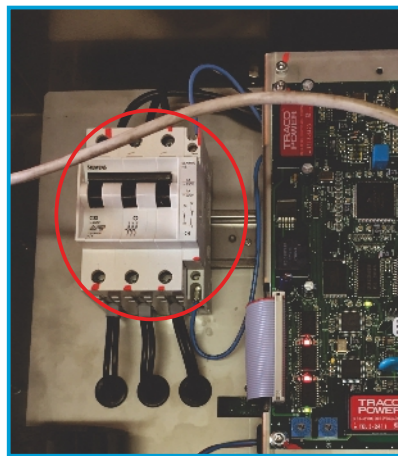
Why are OVR10 more reliable than Olicorp IRS10 and PWR-SDL ?

Olicorp PWR and IRS are protected against short circuits with **breakers** until **6 kA**.
OVR10 are protected by **100 kA fuses**, 4 times the Universal machine protection.

IRS and **PWR** breakers withstand short circuits of max. **6 kA** ; Sidel SBO Universal withstand max. **25 kA**.
 Machine is safe from a short circuit of **10 kA** (ex. when a preform detaches itself and breaks a lamp) but the power card of **PWR** and **IRS** will be definitively damaged.



Breaker inside IRS cabinet : ABB S200-B

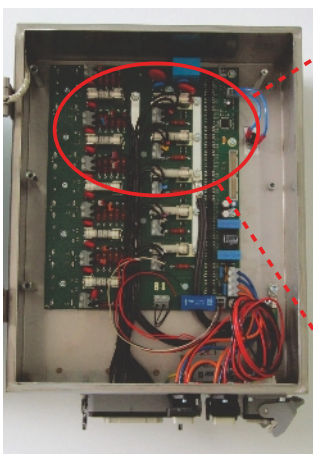


Breaker inside PWR cabinet

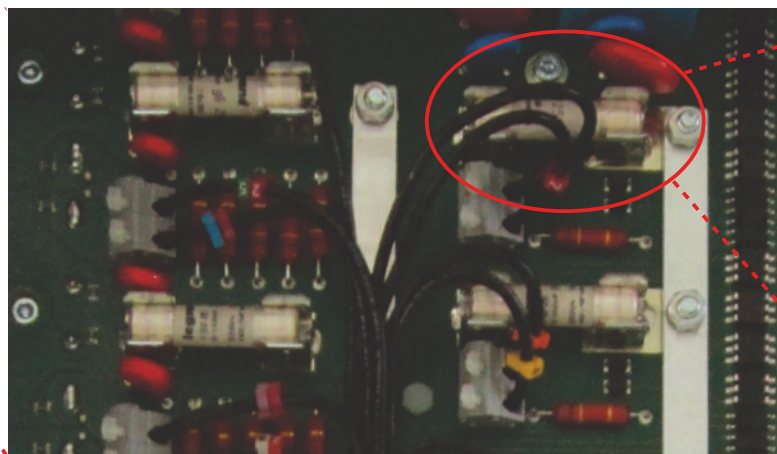
Sidel		
Av. De la Patrouille de France Octeville sur Mer BP 204 76053 Le Havre Cedex (France) Tel : 02 32 85 86 87		
Puissance installée	496	KW
Intensité maximale	719	A
Tension secteur	3 X 400	V
Fréquence	50/60	Hz
pouvoir de coupure ICC	25	kA Rms Sym
Tension de Télécommande	24	V

SBO Universal

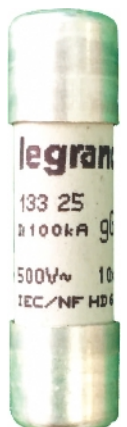
OVR10 are protected by **Legrand fuses # 133 25**, with max. interruption capacity of **100 kA**.
 Each **OVR10** cabinet will include 10 spare fuses, for immediate replacement.



OVR10 power card



10 fuses to protect the power card



10 spares included

OVR10 are warranted 2 years