

## Replacement of existing PWR or IRS systems

10 channels models are now replaced by the WO20.X universal version.

|           |                         |        |                         |
|-----------|-------------------------|--------|-------------------------|
| PWR24B    | Software 4.28 Hard 12   | WO20.X | Software V5.X Hard 20   |
| PWRSDL    | Software 10.54 Hard 101 | WO20.X | Software V20.X Hard 101 |
| IRS10 STD | Software 5.X Hard 20    | WO20.X | Software V5.X Hard 20   |
| IRS10 SDL | Software 20.X Hard 101  | WO20.X | Software V20.x Hard 101 |

12 channels models are now replaced by the WO2.X version

|           |                       |       |                       |
|-----------|-----------------------|-------|-----------------------|
| PWR24B    | Software 4.28 Hard 12 | WO2.X | Software V5.X Hard 20 |
| IRS12 STD | Software 5.X Hard 20. | WO2.X | Software V5.X Hard 20 |

## Authorized lamps configuration :

| Lamp Nominal Voltage(Vrms) | Power supply Voltage (VAC) +/-10% |       |      |      |      |      |
|----------------------------|-----------------------------------|-------|------|------|------|------|
|                            | 208                               | 230   | 400  | 415  | 440  | 480  |
| 230                        | -----                             | 1700  | 1000 | 950  | 900  | 820  |
| 360                        | -----                             | ----- | 2400 | 2300 | 2200 | 2000 |
| 400                        | -----                             | ----- | 3000 | 2900 | 2700 | 2500 |

Maximal power (W) for lamps for a given Power supply voltage and lamp nominal voltage.

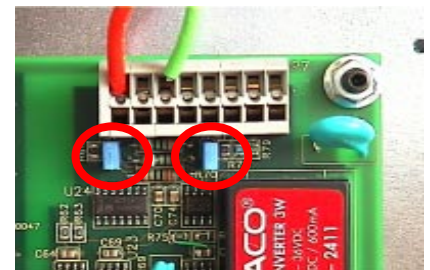
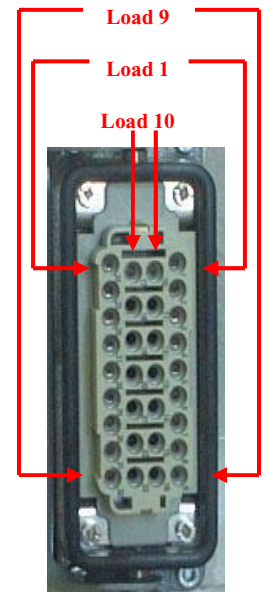
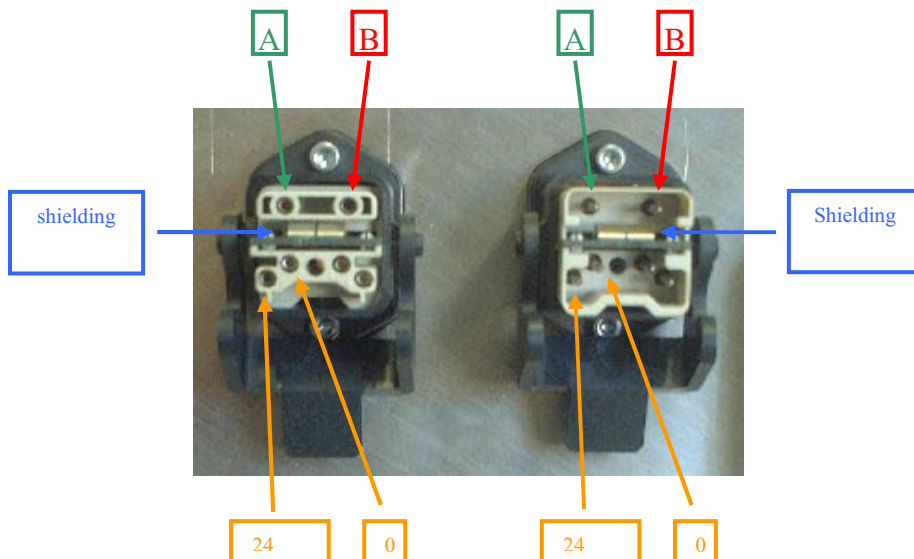
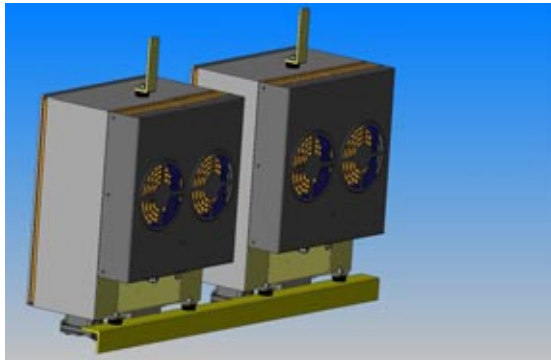
## Automation :

Machine automation > 5 seconds minimum between 24DC on and 400 AC on

PWR / IRS configuration with Supervisor > Pre-Warming – Burst Firing :

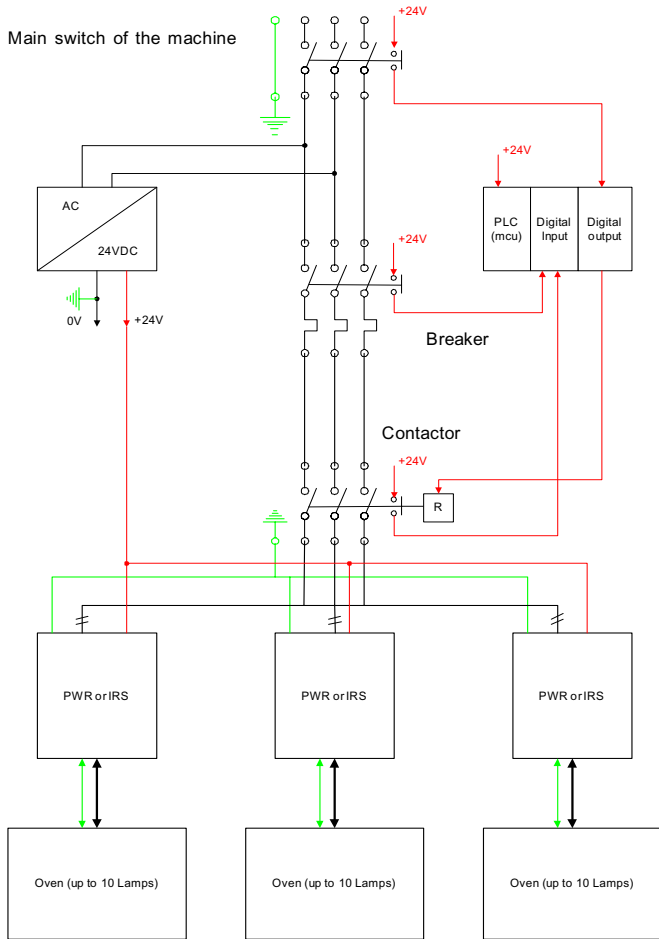
Recommended > Threshold : 100 / Power > 3000 W

## Integration of the IRS

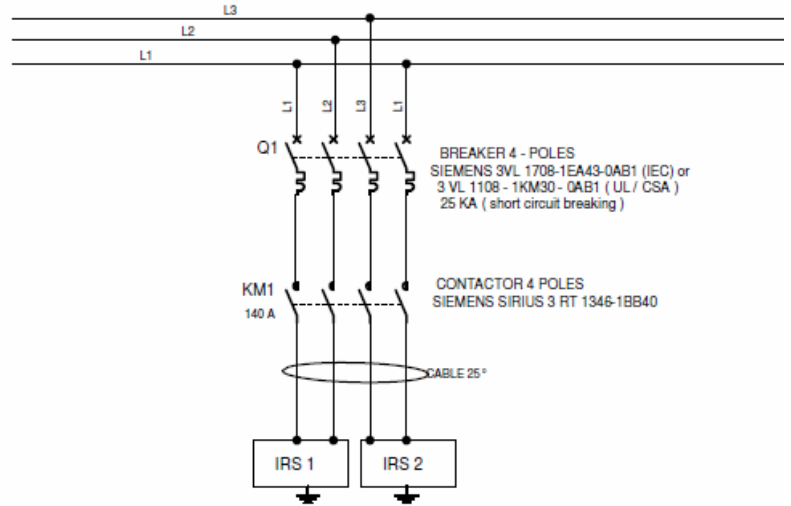


The Jumpers are set – The bus is terminated

## Electrical integration of the IRS :



[www.olicorp.ch](http://www.olicorp.ch)



## Selecting the Overload protection mode :

For version WO20 and above, the integrated overload and shortcut protection module can be deactivated. This deactivation may be necessary when the EMC compliance of the electrical supply in the factory running the blow molding machine can not be achieved and when EMC filters can not be installed on the machine. In this case the overload detection system can be affected or biased by external perturbations and must be deactivated.

The consequence of the deactivation is that the IRS will not be fully protected against shortcuts and might be damaged by such events.

