



CLICFIT

DR. FISCHER CLICFIT

 **INFRARED**



DR. FISCHER
Europe s.A.s.

A company of DR. FISCHER Group

New solutions in InfraRed lamp connectivity

InfraRed heating is an expanding technology bringing opportunities for both luminaire manufacturers and the industry itself. This is especially true in domestic and industrial applications, where innovation, design and ease of use are keys to success.

In the past fitting InfraRed lamps into luminaires has been complex, with the need for lamps to be wired in. Once installed, changing lamps can be a difficult and costly business. Or, at least, that's how things used to be, until DR. FISCHER looked closely at the whole problem and arrived at a solution that will change the future of mounting and replacing double ended InfraRed lamps.

Investment by DR. FISCHER in design technology has introduced a new solution for trouble-free lamp connectivity. ClicFit is the new solution and it is based on the patented DR. FISCHER standard SK15 cap, with ceramic sockets for lamps fitting and removal. ClicFit offers quick and easy plug-in and removal of InfraRed lamps, providing optimal electrical and mechanical connection for the full range of DR.FISCHER InfraRed lamps and it takes only seconds to implement.

The ceramic envelope of the ClicFit unit securely insulates the large electrical connecting surface. The lamp is completely and positively held in the ceramic socket. Multiple plug-ins and removals will not significantly affect the quality of the connection.

For luminaire manufacturers the DR.FISCHER Clicfit solution offers important benefits. Rather than building the entire complex connecting wiring into the lamp, luminaires can be made and then the lamp can simply be clicked into position in the final stages of production, simplifying the process and reducing the risk of lamp damage.

Previously, when a failed or damaged lamp did occur after installation on site it was a difficult and time-consuming process to change the lamp, involving some dismantling of the luminaire assembly. With ClicFit it is simply a matter of clicking out the old lamp and clicking in the new one.

Luminaires fitted with DR.FISCHER InfraRed lamps not only provide the ideal heating solution, also safety is improved, with no visible or accessible electrical parts. In fact, ClicFit offers savings for everyone involved, with reduced lamp mounting time, reduced lamp replacement time and lower maintenance costs.

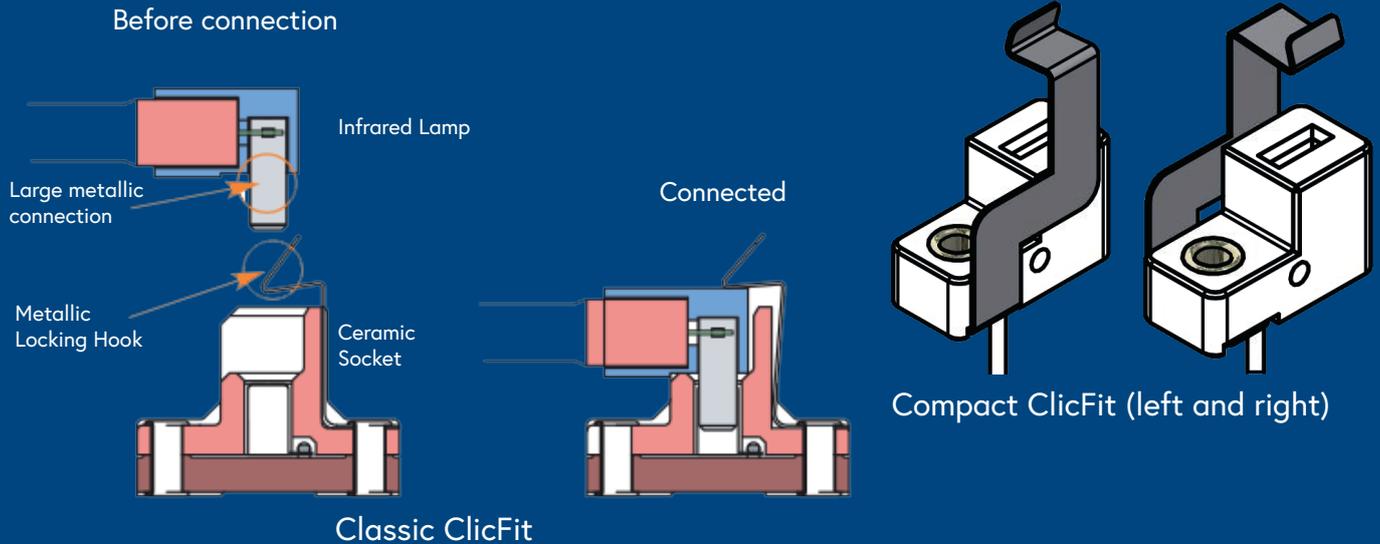


ClicFit connector on an infrared lamp plus holder



Infrared lamp connected

Technical information



ClicFit Limits

ClicFit lamps

Power : 3000 W maxi – 13 A max
 Overall length : 500 mm max
 Tab in nickel plated steel : 300 °C max
 Ceramic cap (like SK15-21) : 300 V max
 Other limits like the other lamps

ClicFit holder (classic and compact)

Socket and plate in ceramic : 300 V max
 Hook and contact in stainless steel : 270 °C max
 Rivet in nickel plated brass : 270 °C max
 PTFE Cable : 250 °C max

Benefits of ClicFit DR.FISCHER solution

- Easy and quick plug in and out of the lamp
- Optimal electrical and mechanical connection for Infrared lamps
- Large electrical connecting surface insulated thanks to the ceramic envelope of the ClicFit socket
- Complete and secured fixing of the lamp in the ClicFit ceramic socket
- Quality of connection maintained with frequent use
- Reduced risk of lamp breakage during plugging and unplugging
- Available for most double ended lamp types

Type	Cable length	Terminal	Qty box (pc)	Order #
CF300SP	300 mm	Holder ClicFit	20	914515000143
CF915SP	915 mm	Holder ClicFit	20	914515000242
CF2000SP	2000 mm	Holder ClicFit	20	914515000343
CFC2500 SP*	25000 mm	Compact Holder ClicFit	10 pair	914530000201
CFC900ULSP*	900 mm (UL)	Compact Holder ClicFit	10 pair	914530000101

*CFC: ClicFit Compact

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