

WRAP-X-HEAT-FP

Cross Electrical (Nottingham) Ltd.
Heated Insulation Jackets for Frost
Protection.

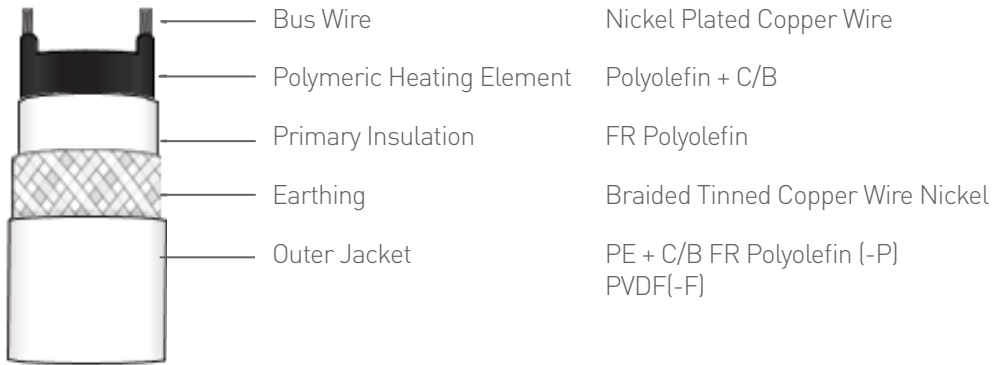


Overview

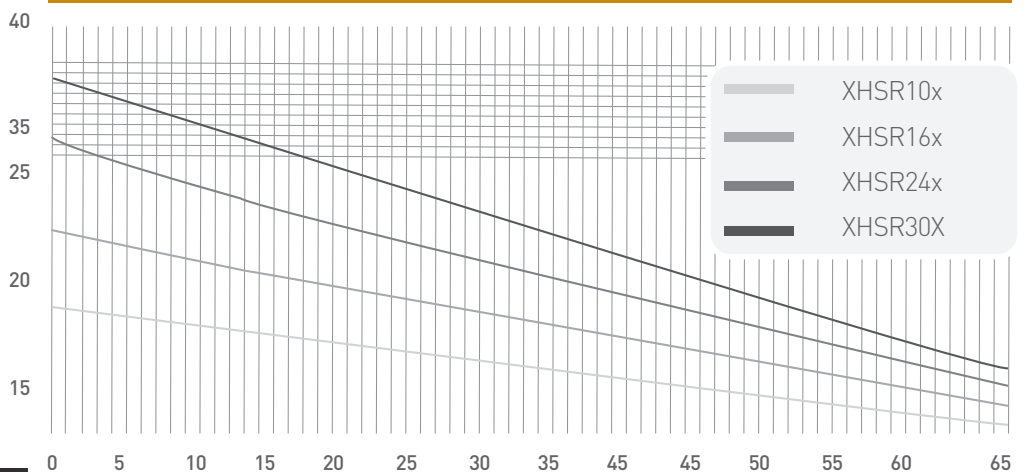
Cross Electrical (Nottingham) Ltd purpose made heating jackets constructed from silicone impregnated glass cloth with a Mineral Wool in fill incorporating Velcro fastenings and pull cord.

The inner face would have sewn columns incorporating our XHSR self-regulating heating cables with built-in Bimetallic Thermostat.

XHSR Self-Regulating Heating Cables



Power Output Graph



Circuit Breaker Selection

Max. circuit length(m) at 230Vac based on starting temp. (⊘) and typical Type C circuit breaker size (Amps).

Product Code	Break Size (A)	Start-up Temp - 20°C						Start-up Temp - 0°C						Start-up Temp - 10°C					
		10A	16A	20A	25A	32A	40A	10A	16A	20A	25A	32A	40A	10A	16A	20A	25A	32A	40A
HSR102-CP(F)		84	134	155	155	155	155	101	162	169	169	155	169	131	193	193	193	193	193
HSR162-CP(F)		59	94	118	129	129	129	71	113	141	142	142	142	92	147	162	162	162	162
HSR242-CP(F)		42	67	84	104	111	111	36	57	71	89	114	117	50	81	101	126	126	126
HSR242-CP(F)		32	51	64	80	101	101	32	51	64	80	102	113	41	66	82	102	124	124



XHSR-BTK

Pre-terminated heating cable unit with built-in bimetallic thermostat

BTK Bimetallic Thermostat Specification

Sealed by ultrasonics and encapsulated with silicone RTV Max. exposure temperature up to 85°C.

Minimum installation temperature -40°C Bimetal operating temperature +15°C ± 5°C On-Off differential 30±15K

Switching capacity 250V / 6A (normal).

Standard heater lengths: 1m, 2m, 5m, 10m, 15m Other lengths upon request.

Flexible power cord HVCTF 85°C, typ. 2.0m

3C x 1.0/1.5/2.0mm depending on heater length Housing material polycarbonate, black

IP67 – submersible



BTK Bimetallic Thermostat Features

Uniquely IP67 Submersible Weather resistant polycarbonate housing for outdoor use Bimetallic thermostat control for saving electrical energy Two LED lamp indicators - Power ON, Heater ON. All international electric cord and plug types are available.

The length of heating cable and electric cord can be customized Electric cords can be provided on both sides on request.

Thermal Insulation Jacket Specification

Standard Specification

Inner Fabric:	Grey Silicone Coated Glass Cloth
Outer Fabric:	Grey Silicone Coated Glass Cloth
Insulation:	Mineral Wool (50mm thickness)
Sewing Thread:	Nomex Thread (Flame Retardant and Temperature Resistant)
Fastenings:	Fire Retardant Velcro Flaps, with Straps and Pullcord
Temperature Resistance:	-25°C to 250°C

External / Weather Specification

Inner Fabric:	Grey Silicone D/S Coated Glass Cloth
Outer Fabric:	Grey Silicone D/S Coated Glass Cloth
Insulation:	Mineral Wool (50mm thickness)
Sewing Thread:	Nomex Thread (Flame Retardant and Temperature Resistant)
Fastenings:	Fire Retardant Velcro Flaps, with Straps and Pullcord
Temperature Resistance:	-25°C to 250°C