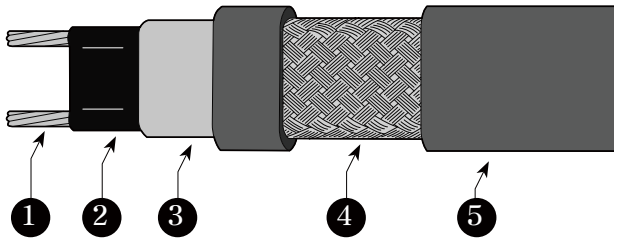
XHL*-2CT Field Assembled Type

Self-Regulating Heating Cable
Xarex Heat Trace Light

up to 135℃

Product **Structure**



1. Bus Wires[Nickel-plated Copper]
2. Conductive Core [Heating Matrix]
3. Inner Jacket [Fluoropolymer]
4. Metallic Braid [Tinned Copper]
5. Outer jacket [CT; Fluoropolymer]

XHL self-regulating heating cable can be used for freeze protection and temperature maintenance up to 135°C. It is suitable for use in the medium temperature range of industrial applications such as pipe freeze protection, vessel heating and process temperature maintenance for pipe or tank up to 135°C.

The XHL cable is approved for use in nonhazardous and hazardous (classified) areas. The CT type outer jacket of this heating cable has high chemical resistance and therefore can be used in the area where organic chemicals or corrosives may be present.

Specification

Max. Intermittent Exposure Temp. (Heating device energized or de-energized)	135℃
Max. Maintain or Continuous Exposure Temp.	110℃
Supply Voltage	208 – 277 VAC
Output Wattage	20, 30, 45, 60W/m (@10℃ on pipe)
Bus wire gauge	20 to 45 W/m 16 AWG, 60W/m 14 AWG
Min. Bending Radious	40mm(@-40℃)
Min. Installation Temperature	-40 ℃
Protection	NEMA 4X, Type4X, IP66
Outer Jacket Color	Yellow
Braid Coverage	Minimum 80%
Braid Electrical Resistance	Maximum 0.012Ω/m
Weight	20 to 45 W/m 140 ± 5g/m, 60 W/m 150 ± 5g/m
Dimensions	12.5 ± 0.2mm x 5.5 ± 0.2mm

*Technical information subject to change without notification.

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Model Type **Definition**

Type	Temp. Class	Max. Exposure Temp.	Max. Operating Temp.
XHT*-2**	T6	85℃	65℃
XHL*-2CT	T4	135℃	110℃
XHM*-2CT	T3	195℃	120℃
XHU*-2CT	T2	210℃	150℃

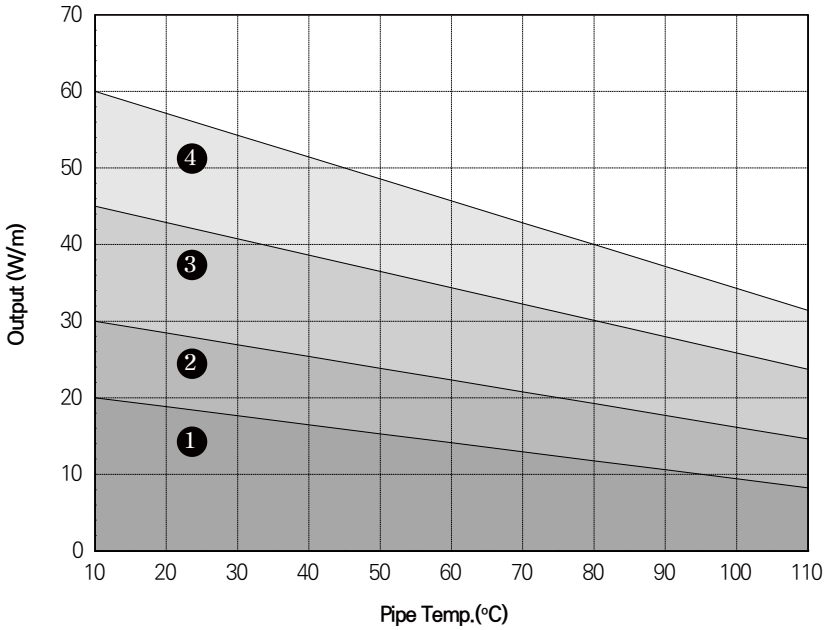
XH□□-2CT

- Outer Jacket : CT
- Output Wattage : 20, 30, 45, 60W/m
- Temp. Class : T(T6), L(T4), M(T3), U(T2)

Note
1. Electrical equipment T-ratings codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.

Thermal Ouput Ratings on **Insulated Metal Pipes at 240V**

1. XHL 20
2. XHL 30
3. XHL 45
4. XHL 60



Note
1. Thermal outputs above are tested in accordance with IEEE 515, with each model on a metallic pipe insulated with a fiberglass insulation.

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Cable Length According to **Circuit Breaker Selection**

Product Name	Start-up Temp. °C	Max. Length(meter) for Circuit Breaker (A)				
		240V				
		15A	20A	30A	40A	50A
XHL20	-40	61	81	123	156	-
	-20	80	108	156	156	-
	0	103	138	156	156	-
	10	123	156	156	156	-
XHL30	-40	29	39	59	80	-
	-20	39	52	79	105	-
	0	49	67	100	105	-
	10	59	80	105	105	-
XHL45	-40	31	42	63	85	-
	-20	32	42	64	85	-
	0	36	48	73	95	-
	10	43	57	87	95	-
XHL60	-40	19	26	39	53	66
	-20	22	29	44	58	73
	0	26	35	54	72	90
	10	29	39	59	80	99

Note
1. The circuit length values shown above are for estimation only.
2. Breaker loading must be based on minimum start-up temperature, as heater's start-up current increases as temperature decreases.
3. Total heater length is the total length of heater cable that can be installed on a breaker without tripping either under start-up or operation conditions.
4. Do not exceed maximum recommended series length for each heater shown. More that one maximum series lenght may be parallel conneted on a breaker-do not exceed maximum total recommended breaker heater length shown in table.
5. Values may indicate that multiple heater segments must be installed on the breaker with none of the segments exceeding the maximum segment lengths-as shown in the performance and rating table.

'-' Not permitted

Certification / **Approvals**

IECEx NEP 19.0021U
Ex eb IIC T4 Gb
Ex tb IIIC T135℃ Db

II 2 GD

GYJ19.1032 U
Ex b IIC T4 Gb
Ex tD A21 IP6X T135℃

Accessories

- Connection Kits for Power Connection, Tee Splice, Splice and End Kit(PCK, SCK, ECK)

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