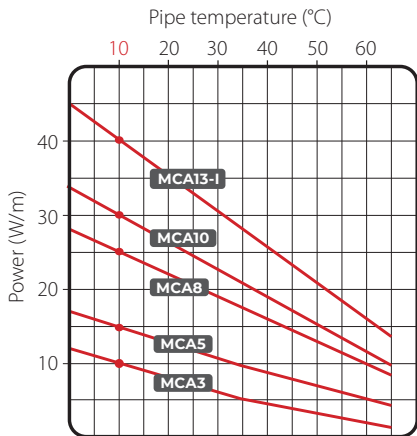


MCA

Self-regulating heating cables for anti-freeze or temperature maintenance use with exposure to **mild inorganic solutions**.

Suitable for anti-freeze and process temperature maintenance use **up to 65°C** on piping and tanks. Cannot be used when washing with steam or continuous exposure to strong corrosive and organic acids.



CONSTITUTION OF THE CABLE

- Copper conductors
- Self regulating conductive core
- Modified polyolefine insulation
- Copper screen
- Modified polyolefine outer sheath

Cables certified for classified zones

Ex II 2G Ex 60079-30-1 IIC Gb
Ex II 2D Ex 60079-30-1 IIIC Db
In accordance: EN IEC 60079-0:2018
EN IEC 60079-30-1:2017



Type of surface to be tracked:
Steel - Painted - Stainless Steel - Plastic.
Chemical resistance:
Suitable for exposure to mild inorganic solutions.

Product	Power voltage (V)	Power at 10°C (W/m)	Minimum installation temperature (°C)	MAX Temperature Continuous with powered cable (°C)	MAX Temperature with no powered cable (°C)	Bending radius MIN (mm)	Temperature classification
MCA3	230	10	-55	65	80	25	T6
MCA5		15					
MCA8		25					
MCA10		30					
MCA13-I		40					

ELECTRICAL SIZING	Starting temperature (°C)	MAXIMUM LENGTH OF THE CIRCUITS IN THE HEATING CABLE (m)														
		MCA3			MCA5			MCA8			MCA10			MCA13-I		
		+10°	-10°	-20°	+10°	-10°	-20°	+10°	-10°	-20°	+10°	-10°	-20°	+10°	-10°	-20°
Switchgear protection (A), with C curve and 30mA* differential protection*	10 A	-	-	-	103	71	62	64	47	37	49	38	33	-	-	-
	16 A	177	144	125	160	114	99	103	75	60	78	61	53	57	44	40
	20 A	-	149	139	-	133	124	126	94	75	97	76	66	71	55	50
	25 A	-	-	-	-	-	-	-	107	94	112	95	83	89	69	62

* Suggested where protection of people is requested; installations with no personnel admittance can be performed with 100 to 300 mA.

MCA connection accessories

<p>MCA Universal IP68</p> <ul style="list-style-type: none"> Connection kit integrated with the terminal box. Termination Kit. Joint Kit. 	<p>MCA-Y Branch Kit.</p>	<p>MCA-BOX3 / 4 Connection boxes between heating cables or heating and power cables.</p>	<p>MCA-AL Thermal insulation pass-through kit.</p>	<p>MCA-PRESS Cable gland.</p>	<p>MCA-EA Warning label.</p>	<p>MCA-FV Glass fiber tape.</p>	<p>MCA-ALL Aluminium self adhesive tape 25 or 75 mm.</p>
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For other accessories see page 219