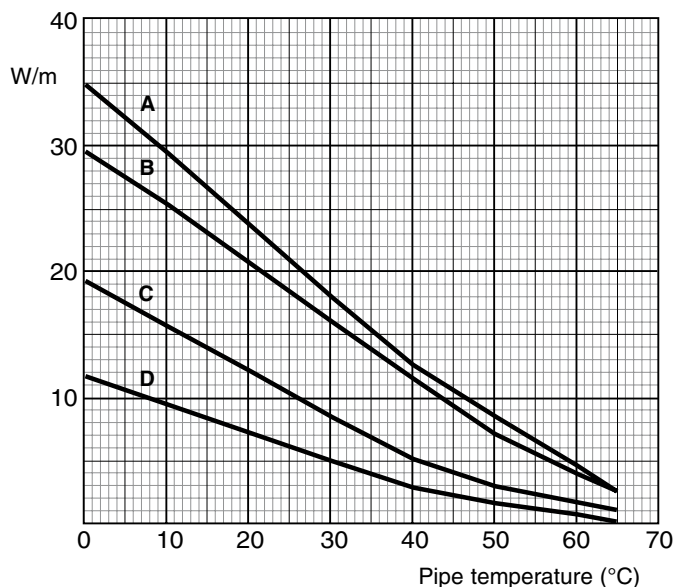




**Thermal output rating**

Nominal power output at 230 Vac on insulated steel pipes

- A 10BTV2-CT  
10BTV2-CR
- B 8BTV2-CT  
8BTV2-CR
- C 5BTV2-CT  
5BTV2-CR
- D 3BTV2-CT  
3BTV2-CR



	3BTV2-CR 3BTV2-CT	5BTV2-CR 5BTV2-CT	8BTV2-CR 8BTV2-CT	10BTV2-CR 10BTV2-CT
Nominal power output (W/m at 10°C)	9	16	25	29

**Product dimensions (nominal) and weight**

	3BTV2-CR 3BTV2-CT	5BTV2-CR 5BTV2-CT	8BTV2-CR 8BTV2-CT	10BTV2-CR 10BTV2-CT
Thickness (mm)	5.5	5.5	5.5	5.5
Width (mm)	10.5	10.5	15.4	15.4
Weight (g/m)	110	110	153	153

**Maximum circuit length based on type 'C' circuit breakers according to EN 60898**

Electrical protection sizing	Start-up temperature	Maximum heating cable length per circuit (m)			
		3BTV2-CR	5BTV2-CR	8BTV2-CR	10BTV2-CR
16A	-20°C	155	110	70	45
	+10°C	200	160	110	65
20A	-20°C	195	140	90	55
	+10°C	200	160	125	85
25A	-20°C	200	160	110	70
	+10°C	200	160	125	105
32A	-20°C	200	160	125	90
	+10°C	200	160	125	110

The above numbers are for circuit length estimation only. For more detailed information please use the Tyco Thermal Controls TraceCalc software or contact your local Tyco Thermal Controls representative. Tyco Thermal Controls requires the use of a 30 mA residual current device to provide maximum safety and protection from fire. Where design results in a higher leakage current, a maximum 300 mA residual current device may be used. All safety aspects need to be proven.

**Ordering details**

Part description	3BTV2-CR	5BTV2-CR	8BTV2-CR	10BTV2-CR
Part No.	914279-000	414809-000	479821-000	677245-000
Part description	3BTV2-CT	5BTV2-CT	8BTV2-CT	10BTV2-CT
Part No.	469145-000	487509-000	008633-000	567513-000

**Components** Tyco Thermal Controls offers a full range of components for power connections, splices and end seals. These components must be used to ensure proper functioning of the product and compliance with electrical requirements.