

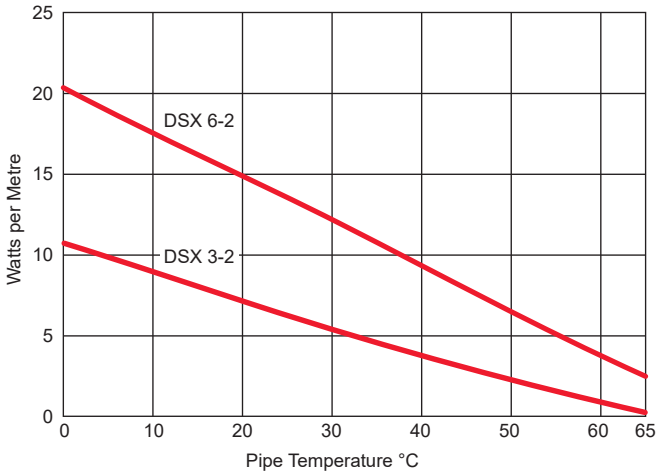


PRODUCT DATASHEET
DSX™
 SELF-REGULATING HEAT TRACING

POWER OUTPUT CURVES

The power outputs shown apply to trace heater installed on insulated metallic pipe (using the procedures outlined in IEC/IEEE 60079-30-1 at the service voltages stated below. For use on other service voltages, contact Thermon.

Product Type 230 Vac Nominal	Power Output at 10°C (50°F) W/m
DSX 3-2	9
DSX 6-2	18

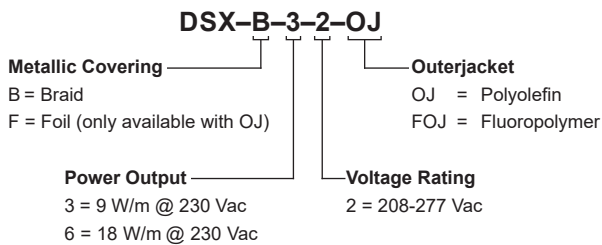


CIRCUIT BREAKER SIZING AND TYPE¹

Maximum circuit lengths for various circuit breaker amperages are shown below. Circuit breaker sizing and earth-fault protection should be based on applicable local codes. For information on design and performance on other voltages, contact Thermon. Earth-fault protection of equipment should be provided for each branch circuit supplying electric heating equipment.

Type B & C Circuit Breakers				
230 Vac Service Voltage		Max. Circuit Length vs. Breaker Size meters		
Catalog Number	Start-Up Temperature °C	16 A	25 A	32 A
DLX 3-2	10	140	140	140
	0	124	124	124
	-20	123	124	124
	-40	105	116	116
DLX 6-2	10	102	102	102
	0	95	98	98
	-20	85	96	96
	-40	75	95	95

HOW TO SPECIFY



Notes:

- Maximum circuit lengths shown are based on an instantaneous trip current characteristic per IEC 60898 at the referenced start-up temperature and a 10°C maintenance temperature. For maximum circuit lengths with other trip current characteristics contact Thermon.
- While a heat tracing system is generally designed to keep the contents of a pipe at the desired maintain temperature, the cable may be energized at lower temperatures. For design data with lower start-up temperatures than represented above contact Thermon for design assistance.
- The maximum circuit length is for one continuous length of cable, not the sum of segments of cable. Refer to CompuTrace® design software or contact Thermon for current loading of segments.