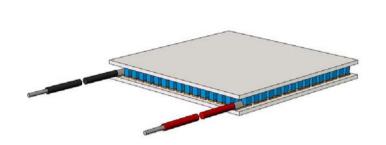
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## **SPECIFICATION OF THERMOELECTRIC MODULE Frost-74**



Thermoelectrical parameters	Unit	Value
Imax	Amps	6.3
Umax	Volts	16.7
ΔTmax	K	74
Qmax	Watts	65.0
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	2.15
Tolerance	%	±10
All parameters except $R_{ac}$ are given at $Th=300 K$		

70	Standard	l Performance Graph N≘1	l: Qc = f ( dT )	
60				
50				
40 oc. Wett				
g 30				
20				
10				
0 0	10 20	30 40 dT, K	50 60	70 8
◆ 25% Imax	◆50% Imax	+ 75% Imax	+100% Imax	

	COLD SIDE	// 0.03 A 0.02	_
3,9 ±0,05	HOT SIDE	0.02 A 40-02	HB-0.35 4 600 (+) POSITIVE
	-	4U -02	120
40 <del>0</del> 5			
			1 <del>-5</del>
•			(–) NEGAITIVE

Assembly parameters	Unit	Value
Wires	HB-0.35 4 600	
Cross section	mm <sup>2</sup>	035
Metallization	Not	
Sealing	Not	
Internal solder	°C	139
Brazing solder	°C	Not

Operational parameters	Unit	Value
Working temperature range	°C	-50 ÷ +80
Max. processing temperature	°C	130
ROHS compliance		YES

