

**Technical Data
Calix pre-heater 120V AC**
Calix pre-heater type:

UIT



Subject:	Data:	Note:
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1. Certification		
According to.	UL 499 CSA C22.2#191	

2. Electrical Data		
	Max. 120V/15A	
Thermostat	50-30°C	1NT02L-6433-L50-20

3. Temperature range		
Heater connector	-40°C to +125°C and 30min. +140°C	IEC 60068-2-14 SS EN 60068-2-14

4. Degree of protection		
	IP46	SS EN 60 529

5. Chemical resistance		
	Volvo STD 7611;131 SAAB STD 5028	SP (Swedish National Testing and Research Institute)
Chemicals	Type	Immersion Time/Temp.
Oil	IRM 902	48 h/90°C
Hydraulic oil	IRM 903	30 min/23°C
Grease	Gr 2 Diester	1 h/80°C
Grease	Gr 4 Silicone	1 h/80°C
Brake fluid	DOT 4	48 h/90°C
Battery fluid	25%H ₂ SO ₄	1 h/50°C
Petrol	ISO 1817 liquid C	30 min/23°C
Petrol with alcohol	ISO 1817 liquid 4	24 h/23°C
Diesel	IRM 903/10% paraxylene	48 h/90°C
Biofuel	SS 155436	24 h/23°C
Alcofuel	SS 155437	24 h/23°C
Solvent	15-17% aromatic content	1 h/23°C
Window washing fluid	10% isopropanol, 40% ethanol , 50% water	1 h/23°C
Antifreeze	Volvo No. 1381079-1	1 h/80°C
Road salt	5% CaCl ₂ /NaCl 95% water	48 h/23°C



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6. Coolant pressure		
	3 bar pressure	Calix TM 18-048
7. Environment		
	IMDS REACH	https://public.mdsystem.com/en/web/imds-public-pages/home REACH (EG) 1907/2006
8. Recycling		
	100% recoverable	Swedish Environmental Protection Agency 2017/04/09
9. Corrosion		
	SS 433 07 90 ISO 9227	
10. Durability		
	9000 h	Calix TM 18-047
11. Connector geometry		
Cover	1558131	

We reserve the right to change technical data without prior notice.