

Issued by
Roger Eriksson

Issue Date
2021-06-23

Approved
PB

Revision
S1

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2021-06-23


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Technical Data Calix pre-heater 120V AC

Calix pre-heater type:

UIT



Subject	Specification	Requirement	Approved by
1. Certification			
UIT	ATM 1315240STO-ETL	UL 499 CSA C22.2#191 Issue:1989/09/01 No. 1-3	Intertek SEMKO 
2. Electrical Data			
UIT	Max. 120V/15A		Intertek SEMKO
Thermostat	50-30°C	1NT02L-6433-L50-20	
3. Temperature range			
Heater connector	-40°C to +125°C	IEC 60068-2-14	Intertek SEMKO
UIT	and 30min. +140°C	SS EN 60068-2-14	
4. Degree of protection			
UIT	IP46	SS EN 60 529	Intertek SEMKO
5. Chemical resistance			
UIT		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		1 h/23°C

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	, 50% water		
Antifreeze	Volvo No. 1381079-1		1 h/80°C
Road salt	5% CaCl ₂ /NaCl 95% water		48 h/23°C
6. Coolant pressure			
UIT	3 bar pressure		Calix TM 18-048
7. Environment			
UIT		IMDS	https://public.md.system.com/en/web/imds-public-pages/home
		REACH	REACH (EG) 1907/2006
8. Recycling			
UIT	100% recoverable		Swedish Environmental Protection Agency 2017/04/09
9. Corrosion			
UIT		SS 433 07 90 ISO 9227	Intertek Semko
10. Durability			
UIT	9000 h		Calix TM 18-047
11. Connector geometry			
UIT	Cover		1558131
12. Date			
	Change description	Responsible	Issue

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