

Issued by  
Ola Lindberg

Issue Date  
2019-11-27

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S1

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### Technical Data Calix pre-heater 120V AC

Calix pre-heater type:

UI



Subject	Specification	Requirement	Approved by
<b>1. Certification</b>			
UI	ATM 1315240STO-ETL	UL 499 CSA C22.2#191 Issue:1989/09/01 No. 1-3	Intertek SEMKO
<b>2. Electrical Data</b>			
UI	Max. 120V/15A		Intertek SEMKO
<b>3. Temperature range</b>			
Heater connector UI	-40°C to +125°C and 30min. +140°C	IEC 60068-2-14 SS EN 60068-2-14	Intertek SEMKO
<b>Subject</b>	<b>Specification</b>	<b>Requirement</b>	<b>Approved by</b>
<b>4. Degree of protection</b>			
UI	IP46	SS EN 60 529	Intertek SEMKO
<b>5. High pressure washing</b>			
UI			SP (Swedish National Testing and Research Institute)
<b>6. Chemical resistance</b>			
UI		Volvo STD 7611;131 SAAB STD 5028	SP (Swedish National Testing and Research Institute)
<b>Chemicals</b>	<b>Type</b>		<b>Immersion Time/Temp.</b>
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 <sub>2</sub> SO <sub>4</sub>		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

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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 <sub>2</sub> /NaCl 95% water			48 h/23°C	
<b>7. Coolant pressure</b>					
	3 bar pressure				Calix TM 18-048
<b>8. Environment</b>					
UI		IMDS		<a href="https://public.md.system.com/en/web/imds-public-pages/home">https://public.md.system.com/en/web/imds-public-pages/home</a>	
		REACH			REACH (EG) 1907/2006
<b>9. Recycling</b>					
UI	100% recoverable				Swedish Environmental Protection Agency 2017/04/09
<b>10. Corrosion</b>					
UI		SS 433 07 90 ISO 9227			Intertek Semko
<b>11. Durability</b>					
UI	9000 h				Calix TM 18-047
<b>12. Connector geometry</b>					
UI	Singel Tube Ø6,4 Double Tube Ø6,4 Singel Tube Ø8,5			1451832 1451849	

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