

Issued by Roger Eriksson	Issue Date 2020-12-10	Approved PB	Revision S4	Rev date 2024-04-02	Page 1(3)
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## Technical Data

### Calix preheater system components 120V AC / 250V AC

Preheater system consists of:  
MK Inlet cable Dual



Subject	Specification	Requirement	Approved by
<b>1. Listing report /Certification</b>			
MK	2102246STO-ETL SE-S-2201112 SE-S-2201211	CSA C22.2#191:1989 Ed.2+G1;G2;G3. SS 428 08 69:Ed.3: 2022	Intertek Semko
<b>2. Electrical Data</b>			
MK	Max. 120V/15A Max. 250V/16A	CSA C22.2#191:1989 Ed.2+G1;G2;G3. SS 428 08 69:Ed.3: 2022	Intertek Semko
<b>3. Temperature range</b>			
MK	-40°C to +125°C And 30min.+140°C	SS 428 08 69: Ed.3: 2022	Intertek Semko
<b>4. Degree of protection</b>			
MK	IP44	SS 428 08 69:Ed.3: 2022	
MK	IP5X	IEC 60 529	Intertek Semko Test Report: 2019980STO-201
<b>5. High pressure washing</b>			
MK	Working pressure: 170 bar Water flow:17 l/min Water temperature:90°C Distance:300mm	N/A	Approved by SP, Swedish National Testing and Research Institute

Issued by  
Roger Eriksson

Issue Date  
2020-12-10

Approved  
PB

Revision  
S4

Rev date  
2024-04-02

Page  
2(3)

Subject	Specification	Requirement	Approved by
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6. Chemical resistance			
MK	According to standard	Volvo STD 7611;131 SAAB STD 5028	Approved by 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 <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
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

7. Envirement			
MK	Material declaration	IMDS	<a href="https://public.mdssystem.com/en/web/imds-public-pages/home">https://public.mdssystem.com/en/web/imds-public-pages/home</a>
	According to regulation	REACH	REACH (EG) 1907/2006

8. Recycling			
MK	100% recoverable		Swedish Environmental Protection Agency 2017/04/09

Issued by  
Roger ErikssonIssue Date  
2020-12-10Approved  
PBRevision  
S4Rev date  
2024-04-02Page  
3(3)

<b>9. Corrosion</b>			
MK		SS 428 08 69:Ed.3: 2022 ISO 9227	Intertek Semko

<b>Subject</b>	<b>Specification</b>	<b>Requirement</b>	<b>Approved by</b>
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<b>10. Connector geometry</b>			
MK		Calix 2403854 Calix 1556127	

<b>Date</b>	<b>Change description</b>	<b>Sign</b>	<b>REV</b>
2024-04-02	New listing report number	RE	S4

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