

Issued by Roger Eriksson	Issue Date 2017-05-23	Approved PB	Revision S2	Rev date 2020-12-18	Page 1(2)
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## Technical Data Calix preheater system components 230V AC

Preheater system consists of:  
MK                      Inlet cable



Subject	Specification	Requirement	Approved by
<b>1. Certification</b>			
MK	1315780	EN 60309-1:1999+A1 EN 60309-2:1999+A1	Intertek Semko
<b>2. Electrical Data</b>			
MK	Max. 250V/16A	EN 61058-1, EN 61095	Intertek Semko
<b>3. Temperature range</b>			
MK	-40°C to +125°C And 30min.+140°C	IEC 60068-2-14 SS EN 60068-2-14	Intertek Semko
<b>4. Degree of protection</b>			
MK	IP44	SS EN 60 529	Intertek Semko
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
<b>6. Chemical resistance</b>			
MK	According to standard	Volvo STD 7611;131 SAAB STD 5028	Approved by 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

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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	
<b>7. Environment</b>					
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		
<b>8. Recycling</b>					
MK	100% recoverable		Swedish Environmental Protection Agency 2017/04/09		
<b>9. Corrosion</b>					
MK		SS 433 07 90 ISO 9227	Intertek Semko		
<b>10. Connector geometry</b>					
MK		Calix 1556127 Calix 2403854	Calix		

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