

Issued by  
Roger Eriksson

Issue Date  
2017-05-22

Approved  
PB

Revision  
S2

Rev date  
2024-04-15

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### Technical Data

### Calix preheater system components 120V AC / 230V AC

Preheater system consists of:  
GU Branch outlet



Subject	Specification	Requirement	Approved by
<b>1. Certification</b>			
GU 403	2102246STO-ETL SE-S-2201213	C22.2#191:1989 Ed.2+G1;G2;G3 SS 428 08 69:2022	INTERTEK SEMKO
<b>2. Electrical Data</b>			
GU 403	MAX 120V/15A Max. 250V/16A	C22.2#191:1989 Ed.2+G1;G2;G3 SS 428 08 69:2022	INTERTEK SEMKO
<b>3. Temperature range</b>			
GU 403	-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>			
GU 403	IP46	SS EN 60 529	INTERTEK SEMKO
<b>5. High pressure washing</b>			
GU 403	Working pressure: 170 bar Water flow:17 l/min Water temperature:90°C Distance:300mm		Approved by SP, Swedish National Testing and Research Institute

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6. Chemical resistance			
GU 403		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			
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GU 403		IMDS	<a href="https://public.mdssystem.com/en/web/imds-public-pages/home">https://public.mdssystem.com/en/web/imds-public-pages/home</a>
		REACH	REACH (EG) 1907/2006

8. Recycling			
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GU 403	100% recoverable		Swedish Environmental Protection Agency 2017/04/09
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9. Connector geometry			
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	Type		According to
			<b>2401397</b>

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<b>Date</b>	<b>Change description</b>	<b>Sign</b>	<b>Rev</b>
2024-04-15	Document update	RE	S2

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