

Technical Data

Calix pre-heater system components 120V AC

Pre-heater system:
MS Main Supply Cable



Subject	Specification	Requirement	Approved by
1. Listing report			
MS	2102246STO-ETL	CSA C22.2#191:1989 Ed.2+G1;G2;G3.	Intertek Semko
2. Electrical Data			
MS	Max. 120V/15A	CSA C22.2#191:1989 Ed.2+G1;G2;G3.	Intertek Semko
3. Temperature range			
MS	-40°C to +125°C and 30min. +140°C	IEC 60068-2-14 SS EN 60068-2-14	Intertek Semko
4. Degree of protection			
MS	IP44	SS EN 60 529	Intertek Semko
5. High pressure washing			
MS	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

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2018-06-21

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6. Chemical resistance			
MS	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 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 , 50% water		1 h/23°C
Antifreeze	Volvo No. 1381079-1		1 h/80°C
Road salt	5% CaCl ₂ /NaCl 95% water		48 h/23°C

7. Envirement			
MS	Material declaration	IMDS	https://public.mdssystem.com/en/web/imds-public-pages/home
	According to regulation	REACH	REACH (EG) 1907/2006

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

9. Corrosion			
MS		SS 433 07 90 ISO 9227	Intertek Semko

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10. Connector geometry			
MS		Bizlink type 3025 Calix 2403854	

Date	Change description	Sign	Rev
2024-04-09	New listing report number	RE	S2

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