

Issued by Roger Eriksson	Issue Date 2017-06-01	Approved PB	Revision S2	Rev date 2024-04-16	Page 1(3)
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Technical Data

Calix preheater system components 230V AC

Preheater system contains of:
LS 501 L-socket



Subject	Specification	Requirement	Approved by
1. Certification			
LS 501	2102246STO-ETL SE-S-2201213	C22.2#191:1989 Ed.2+G1;G2;G3 SS 428 08 69:2022	INTERTEK SEMKO
2. Electrical Data			
LS 501	Max. 120V/15A Max. 250V/16A	C22.2#191:1989 Ed.2+G1;G2;G3 SS 428 08 69:2022	INTERTEK SEMKO
3. Temperature range			
LS 501	-40°C to +125°C and 30min. +140°C	IEC 60068-2-14 SS EN 60068-2-14	INTERTEK SEMKO
4. Degree of protection			
LS 501	IP46	SS EN 60 529	INTERTEK SEMKO
5. High pressure washing			
LS 501	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			
LS 501		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			
LS 501		IMDS	https://public.mdsystem.com/en/web/imds-public-pages/home
		REACH	REACH (EG) 1907/2006

8. Recycling			
LS 501	100% recoverable		Swedish Environmental Protection Agency 2017/04/09

9. Connector geometry Type			
			According to
			2400261 2400207

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Date	Change description	Sign	Rev
2024-04-16	Document update	RE	S2

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