

Issued by
Roger Eriksson

Issue Date
2018-09-10

Approved
PB

Revision
S1

Rev date
2021-01-27

Page
1(2)

Technical Data Calix preheater 230V AC

Calix preheater types: EC1.

RE 521, RE 544, RE559, RE 565, RE 582,
RE 600, RE 601, RE 606, RE 653, RE 666, RE 708
RE 727, RE 737, RE 749, RE 788, RE 799, RE 802
RE 806, RE 809, RE 812, RE 813, RE 815, RE 817
RE 819, RE 826, RE 832, RE 833, RE 834, RE 840
RE 843, RE 853, RE 866, RE 867, RE 889, RE 890
RE 920, RE 931, RE 939.



Subject	Specification	Requirement	Approved by
1. Certification			
EC1	1117787	EN 60335-1:2012+A11, SS 4330790 ed. 1 EMKO-TUB(61)NO293/91 EMKO-TSB(61)NO293A/94	Intertek SEMKO
2. Electrical Data			
EC1	Max. 250V/10A	EN 61058-1, EN 61095	Intertek SEMKO
3. Temperature range			
Heater connector EC1	-40°C to +125°C and 30min. +140°C	IEC 60068-2-14 SS EN 60068-2-14	Intertek SEMKO
Subject			
4. Degree of protection			
EC1	IP46	SS EN 60 529	Intertek SEMKO
5. High pressure washing			
EC1			SP (Swedish National Testing and Research Institute)
6. Chemical resistance			
EC1		Volvo STD 7611;131 SAAB STD 5028	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

Issued by	Issue Date	Approved	Revision	Rev date	Page
Roger Eriksson	2018-09-10	PB	S1	2021-01-27	2(2)
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. Coolant pressure					
	3 bar pressure				Calix TM 18-048
8. Environment					
EC1		IMDS		https://public.md.system.com/en/web/imds-public-pages/home	
		REACH			REACH (EG) 1907/2006
9. Recycling					
EC1	100% recoverable				Swedish Environmental Protection Agency 2017/04/09
10. Corrosion					
EC1		SS 433 07 90 ISO 9227			Intertek Semko
11. Durability					
EC1	9000 h				Calix TM 18-047
12. Connector geometry					
EC1	Enkel Ø6,4				1451832

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