

Issued by
Roger Eriksson

Issue Date
2017-05-19

Approved
PB

Revision
S1

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2021-01-28

Page
1(2)

Technical Data Calix preheater 230V AC



Calix preheater types:

MT5
MT7
MT9

Subject	Specification	Requirement	Approved by
1. Certification			
MT5, MT7, MT9	1619713	EN 60335-1:2012+A11, SS 4330790 ed. 1 EMKO-TUB(61)NO293/91 EMKO-TSB(61)NO293A/94	Intertek SEMKO
2. Electrical Data			
MT5, MT7, MT9	Max. 250V/10A	EN 61058-1, EN 61095	Intertek SEMKO
3. Temperature range			
Heater connector MT5, MT7, MT9	-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			
MT5, MT7, MT9	IP46	SS EN 60 529	Intertek SEMKO
5. High pressure washing			
MT5, MT7, MT9			SP (Swedish National Testing and Research Institute)
6. Chemical resistance			
MT5, MT7, MT9		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
Petrol with alcohol	ISO 1817 liquid 4		24 h/23°C
Diesel	IRM 903/10%		48 h/90°C

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Page
2(2)

	paraxylene		
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			
MT5, MT7, MT9		IMDS	https://public.md.system.com/en/web/imds-public-pages/home
		REACH	REACH (EG) 1907/2006
9. Recycling			
MT5, MT7, MT9	100% recoverable		Swedish Environmental Protection Agency 2017/04/09
10. Corrosion			
MT5, MT7, MT9		SS 433 07 90 ISO 9227	Intertek Semko
11. Durability			
MT5, MT7, MT9	9000 h		Calix TM 18-047
12. Connector geometry			
MT5, MT7, MT9	Enkel Ø6,4 Dubbel Ø6,4 Enkel Ø8,5		1451832 1451849

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