

**Technical Data**  
**Calix preheater system components**  
**230V AC**

TR 122 Transformer converts 230VAC to 12VDC max 1A and at the same time acts as a multiple socket (one inlet, two outlets).



Subject	Data	Note	Approved by
<b>1. Certification</b>			
		EN 61558-1:2005+A1 61558-16:2009+A1	Intertek Semko
<b>2. Electrical Data</b>			
Input	Max: 250V/16A	EN 61058-1, EN 61095	Intertek Semko
Output	12V/1A DC		
<b>3. Temperature range</b>			
Working temperature.	-40°C to +85°C		
Storage temperature.	-40°C to +125°C		
<b>4. Degree of protection</b>			
	IP46	SS EN 60 529	Intertek Semko
<b>5. High pressure washing</b>			
	Working pressure: 170 bar Water flow:17 l/min Water temperature:90°C Distance:300mm		Approved by SP, Swedish National Testing and Research Institute
<b>6. Chemical resistance</b>			
			Approved by SP, Swedish National Testing and Research Institute



Subject	Data	Note	Approved by
<b>Chemicals</b>	<b>Type</b>		<b>Immersion Time/Temp.</b>
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. Enviroment			
		IMDS	<a href="https://public.mdsystem.com/en/web/imds-public-pages/home">https://public.mdsystem.com/en/web/imds-public-pages/home</a>
		REACH	REACH (EG) 1907/2006

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

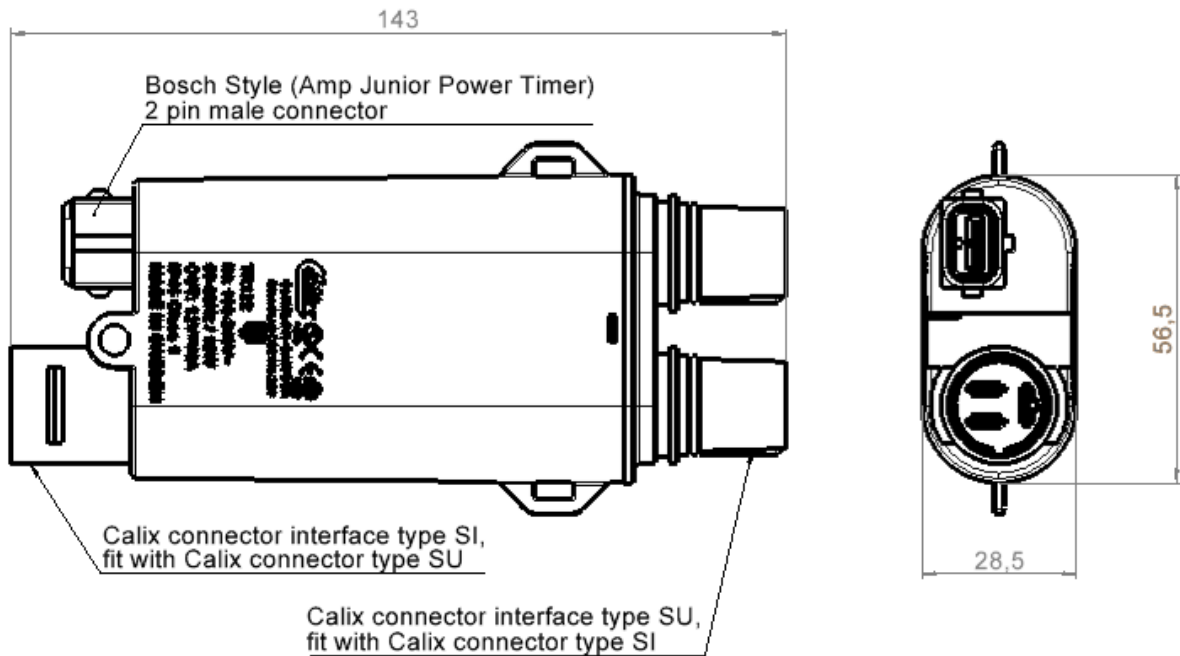
9. Corrosion			
		SS 433 07 90 ISO 9227	Intertek Semko

10. Durability			
	9000 h		Calix TM 01-119

Issued by RE	Issue Date 2017-06-02	Approved JC	Revision S3	Rev date 2022-06-30	Page 3(3)
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<b>11. Connector geometry</b>			
230 VAC	Calix interface SI/SU		
12 VDC	Bosch Style (Amp Junior Power Timer) 2 pin male connector		

**12. Dimension.**



**13. Doc. Change record**

Date	Change description	Sign	Rev
2022-06-30	General review	RE	S3

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