

Issued by
Roger Eriksson

Issue Date
2017-05-03

Approved
PB

Revision
S1

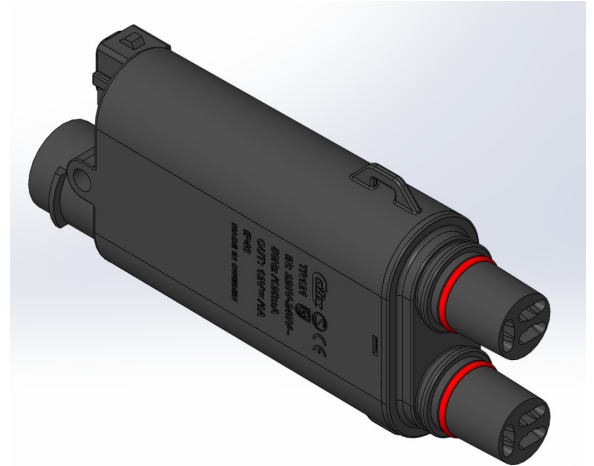
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Technical Data Calix preheater system components 230V AC

Preheter system contains of:

CBT4-T Bluetooht relay



Subject	Specification	Requirement	Approved by
1. Certification			
CBT4-T	Cert nr: 1615907		INTERTEK SEMKO
2. Electrical Data			
CBT4-T	Max. 250V/10A	SS EN 60335-1	INTERTEK SEMKO
3. Temperature range			
CBT4-T	-40°C to +75°C and 30min. +140°C	EN 61058- 1:2002 and A2	INTERTEK SEMKO TR16-042
4. Degree of protection			
CBT4-T	IP46	SS EN 60 529	
5. Radio link			
Bluetooth 2,4GHz ISM-band	Bluetooth Smart/Bluetooth 4 Low Energy	RTTE 1995/5/EC	Intertek Semko
6. Power consumption from battery			
CBT4-T	Stand-by: 3,6mA, Bluetooth connected: 6,7mA Relay closed: 41,3mA		TR 16-042
6. Chemical resistance			
CBT4-T		Volvo STD 7611;131 SAAB STD 5028	Approved by SP, Swedish National Testing and Research Institute

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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. Recycling			
CBT4-T	100% recoverable		Swedish Environmental Protection Agency 2017/04/09
8. Corrosion			
CBT4-T	SS 433 07 90 ISO 9227		INTERTEK SEMKO
9. Connector geometry	2403348		

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