

Technical Data

Calix preheater system components 120V AC / 230V AC

Preheater system consists of:
 GU Branch outlet



| Subject | Specification | Requirement | Approved by |
|---------------------------------|--|--|---|
| 1. Certification | | | |
| GU 405 | 2102246STO-ETL SE-S-2201213 | C22.2#191:1989 Ed.2+G1;G2;G3 SS 428 08 69:2022 | INTERTEK SEMKO |
| 2. Electrical Data | | | |
| GU 405 | 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 | | | |
| GU 405 | -40°C to +125°C and 30min. +140°C | IEC 60068-2-14 SS EN 60068-2-14 | INTERTEK SEMKO |
| 4. Degree of protection | | | |
| GU 405 | IP46 | SS EN 60 529 | INTERTEK SEMKO |
| 5. High pressure washing | | | |
| GU 405 | 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 | | | |
|------------------------|---|-------------------------------------|--|
| GU 405 | | 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 | | | |
|---------------|--|-------|---|
| GU 405 | | IMDS | https://public.mdssystem.com/en/web/imds-public-pages/home |
| | | REACH | REACH (EG) 1907/2006 |

| 8. Recycling | | | |
|--------------|------------------|--|---|
| GU 405 | 100% recoverable | | Swedish Environmental Protection Agency 2017/04/09 |

| 9. Connector geometry Type | | | |
|----------------------------|--|--|--------------|
| | | | According to |
| | | | 2403348 |

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