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## SK 3105.420 Enclosure heater

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3105.420 - Enclosure heater with fan

Enclosure heaters to regulate relative humidity, prevent temperatures from dropping below the dew point and stop condensation forming inside the enclosure. This prevents consequential damage associated with corrosion or electrical short-circuits. Version with fan. Continuous thermal output 235 – 800 W.



## Features

|                           |                                                                                                                                                                                                                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                 | SK 3105.420                                                                                                                                                                                                                                                                                   |
| Product description       | Enclosure heaters to regulate relative humidity, prevent temperatures from dropping below the dew point and stop condensation forming inside the enclosure. This prevents consequential damage associated with corrosion or electrical short circuits.                                        |
| Material                  | Aluminium, anodised                                                                                                                                                                                                                                                                           |
| Supply includes           | PTC heater with fan<br>Assembly parts                                                                                                                                                                                                                                                         |
| Continuous thermal output | Continuous thermal output with fan                                                                                                                                                                                                                                                            |
| Fans pre-integrated       | Yes                                                                                                                                                                                                                                                                                           |
| Note                      | A thermostat is recommended for precise temperature control inside the enclosure.<br>In order to prevent condensation on assemblies, a hygostat is recommended to regulate heating<br>In larger enclosures, even heat distribution is best achieved by installing several low-output heaters. |

# Features

|                                     |                                                                                                   |
|-------------------------------------|---------------------------------------------------------------------------------------------------|
| Note on Model No.                   | An operating temperature of -40 °C is supported. Manufacturer's declaration available on request. |
| Continuous thermal output at 10 °C  | 355 W - 400 W                                                                                     |
| Rated operating voltage             | 115 V, 1~, 50 Hz/60 Hz                                                                            |
| Dimensions                          | Width: 103 mm<br>Height: 200 mm<br>Depth: 103 mm                                                  |
| Pre-fuse                            | Miniature circuit-breaker/fuse: 6 A                                                               |
| IP protection category to IEC 60529 | IP 20                                                                                             |
| Protection class                    | II (all-insulated)                                                                                |
| Operating temperature range         | -33 °C...65 °C                                                                                    |
| Packs of                            | 1 pc(s).                                                                                          |
| Net weight                          | 0.943 kg                                                                                          |
| Gross weight                        | 1.2 kg                                                                                            |
| Customs tariff number               | 85162999                                                                                          |
| ETIM 9                              | EC000737                                                                                          |
| ETIM 8                              | EC000737                                                                                          |
| ECLASS 8.0                          | 27180710                                                                                          |
| Product description                 | SK enclosure heater, with fan, 355/400 W, 115 V, 1~, 50/60 Hz, WHD: 103 x 200 x 103 mm            |

# Approvals

|              |                                                           |
|--------------|-----------------------------------------------------------|
| Approvals    | CSA<br>UR + C-UR (recognized)                             |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

SK 3105.420

Enclosure heater with fan and quick-connection terminal

Continuous thermal output at 10°C [W]: 355-400

Rated operating voltage: 115V, 1~, 50Hz/60Hz

Dimensions WxHxD [mm]: 103x200x103

Operating temperature range: -33°C to +65°C

Miniature circuit-breaker/fuse T: 6A

Protection category IP to IEC 60 529: IP 20

Protection class: II

Weight: 1,22kg