

# Heat regulation for cabinets and enclosures

## heating and regulation



Technical characteristics **p. 444**  
Sizing of heat regulation **see XL Pro<sup>3</sup>**

Pack	Cat.Nos	Heating																						
		IP 20 Class II Prevent condensation forming inside the enclosure «PTC» auto-regulated and self-limited surface temperature < 85 °C Connection on terminals Mounting on rail <input type="checkbox"/> Heat dissipator in aluminium under plastic UL 94 VO <b>Resistance heaters 120 V/240 V~ / =</b> <table border="1"> <thead> <tr> <th>Power (W)</th> <th>Start-up current (A)</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>2.5</td> </tr> <tr> <td>50</td> <td>2.5</td> </tr> <tr> <td>100</td> <td>4.5</td> </tr> <tr> <td>150</td> <td>8.0</td> </tr> </tbody> </table> <b>Pulsated air resistance heaters 230 V~</b> Built-in temperature limiter Material: Polycarbonate UL 94 VO <table border="1"> <thead> <tr> <th>Power (W)</th> <th>Start-up current (A)</th> <th>Thermostat</th> <th>Fan flow rate (m<sup>3</sup>/h)</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>12</td> <td>without</td> <td>13</td> </tr> <tr> <td>350</td> <td>7.5</td> <td>0 to 60 °C with LED</td> <td>35</td> </tr> </tbody> </table>	Power (W)	Start-up current (A)	20	2.5	50	2.5	100	4.5	150	8.0	Power (W)	Start-up current (A)	Thermostat	Fan flow rate (m <sup>3</sup> /h)	150	12	without	13	350	7.5	0 to 60 °C with LED	35
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Pack	Cat.Nos	Regulation (continued)
1	0 353 12	<b>Hygrothermostat</b> For independent adjustment of the temperature and humidity level inside a cabinet or an enclosure, to avoid the formation of condensation by starting up a heater or a fan 230 V~, 50/60 Hz NO contact: 10 A - 240 V~, 4 A - 24 V= NC contact: 10 A, 240 V~, 4 A, 24 V= For fixing on rail <input type="checkbox"/> Adjustable from 0 °C to 60 °C and from 50 % to 90 % relative humidity
1	0 363 13	<b>Door contact</b> For example, to cut off the air conditioning and the lighting supply as soon as the enclosure or cabinet door is opened 3 A - 240 V 1 NC contact + 1 NO contact For Atlantic and Marina cabinets Supplied with fixing lug

Pack	Cat.Nos	Regulation
		IP 20 <b>Thermostats</b> Precision 0.5 °C (neutral connected) Switching and control range: 2 °C 230 V - 50/60 Hz NO contact: 5 A, 250 V~ NC contact: 10 A, 250 V~ Can be set to between 5 and 60 °C with NC and NO contact Mounted on rail <input type="checkbox"/>
1	0 348 47	
1	0 353 11	<b>Hygrostat</b> For adjusting the relative humidity inside a cabinet or an enclosure to avoid the formation of condensation by starting up a heater or a fan 230 V~, 50/60 Hz NO contact: 6 A, 240 V~, 4 A, 24 V= NC contact: 8 A, 240 V~, 4 A, 24 V= Mounted on rail <input type="checkbox"/> Adjustable from 35 % to 100 % relative humidity