

Cooling units 1100 W

DTS 3161 (NEMA 3R/4)

DTS 3181 (NEMA 4/4X)



- compact design, ideal for small control cabinets and larger control cabinets for the cooling of hot spots
- particularly suitable for the food industry and outdoor applications
- high protection system IP 56, maintenance-free
- optionally available in stainless steel
- condenser with 3 mm fin spacing, highly effective protection against strongly contaminated ambient air
- integrated condensate evaporation system

Data		DTS 3161 (NEMA 3R/4)			DTS 3181 (NEMA 4/4X)			Unit
Article number	standard controller	13382449355	13382441355	13382444355	13382449300	13382441300	13382444300	
AC 50 Hz / 60 Hz								
Rated voltage ± 10 %		400 2~	230	115	400 2~	230	115	V
Cooling performance according to EN 14511	L35/L35	1100						W
	L35/L50	950						
Power consumption	L35/L35	860	860	950	860	860	950	
Current consumption	L35/L35	1.9	3.9	7.9	1.9	3.9	7.9	A
Starting current	L35/L35	8	14.9	29.9	8	14.9	29.9	
Unimpeded airflow (free flow)	internal	595						m³/h
	external	595						
Pre fuse T		6	6	10	6	6	10	A
Type of connection		spring-type terminal included with plug						
Noise level (according to EN ISO 3741)		< 70						dB (A)
Weight (without packaging)		43			45			kg
Ambient temperature range		+ 15 ... + 55 / + 59 ... + 131						°C / °F
Control range (adjustable)		+ 25 ... + 45 / + 77 ... + 113; factory setting + 35 / + 95						
Refrigerant	type	R134a						
	quantity	400						g
Duty cycle		100%						
Condensate management		integrated condensate evaporation system with safety overflow						
Protection system according to NEMA type	3R/4	towards the electrical enclosure if used as intended by the manufacturer			-			
	4/4X	-			towards the electrical enclosure if used as intended by the manufacturer			
	1	towards the surroundings if used as intended by the manufacturer						
Design	housing	galvanised sheet steel						
	cover	galvanised/electrostatically powder coated (200 °C); stainless steel on request			304 rust proof stainless steel			
Colour (cover)		RAL 7035 ¹			-			
Accessories		Piece	Article number					Information on page
Condensate bottle		1	18314000100					64

¹ different colours available on request

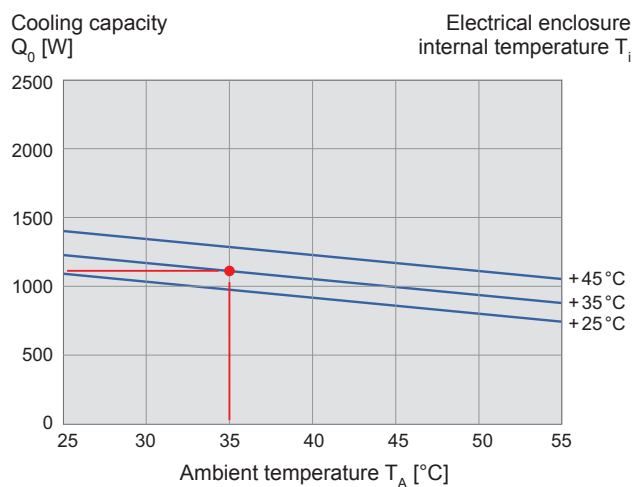
Approvals see page 18

For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet.

This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

Cooling capacity performance curves

DTS 3161/3181



Dimensions

	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M
mm	395	748	294	300	310	56	292	25	228.6	38.1	81	360	257	34	200	80

Mounting holes \varnothing 8 mm

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