

LRC A2L

Passenger HVAC unit

LRC A2L	
Cooling capacity [kW] (under TK standard conditions: 35 / 26,7 / 15,6 °C)	27
Heating capacity [kW]	24
High ambient performance [°C]	Up to 40 °C in full cooling Up to 52 °C in reduced cooling
Weight [kg]	489
Length [mm]	2060
Width [mm]	1416
Height [mm]	591
Evaporator fresh air flow [m ³ /h]	1050
Evaporator air flow total [m ³ /h] at 150 Pa of external static pressure	3700 @ 160 Pa
Controller	HCU-1
Communication to train system	Can Open Ethernet
Service communication	Ethernet http
Power supply [V]	3 x 480 V AC / 60 Hz to 3 x 360 V AC / 45 Hz
Control voltage [V]	24 V DC
Compressor type	2 x vertical scroll in tandem
Refrigerant	R454C (A2L category)
Refrigerant charge:	2,9 kg
Fire and smoke compliance	EN 45545 HL2
Housing material	Painted aluminum frame and covers



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