COMMUNICATION MODULE



SCMI-01

- Low evaporating temperature up to -15°C
- 3 basic operation modes *
- · Control of separate condensing units of NEW UNI DC INVERTER series
- · Direct operation mode (cooling) or reverse operation mode (heating)
- Control of FMD modules
- Password protected setting
- Language options
- Pre-setting of all parameters via USB Communicator software
- DIN rail compatible 4M wide, installation in power distribution unit



COMMUNICATION MODULE		
Power supply		230V/50Hz ±10%
Rated power input	VA	15
Dimension (wxhxd)	mm	90x71x58
Package dimension (wxhxd)	mm	120x100x80
Net/gross weight	kg	0,21 / 0,35
Storage temperature	٥С	-25 ~ +70
Operating range	٥С	0 ~ +60
Outputs		3x relay with on/off contact 230V/2A
Inputs - -		2x binary input for communication
		2x input for temperature sensors; input for FMD modules (VE+, VE-)
		1x voltage input 0-10V, resistance 100k Ω
		1x current input 4-20mA for pressure sensor 0-18bar
Standard accessories		2x temperature sensor NTC015WF00 (10kΩ; B=3435)
Optional accessories		Pressure sensor Alco Controls PT5-18M

* 3 BASIC OPERATION MODES

Autonomous temperature control mode: The system changes its performance in order to achieve set temperature measured with T2 sensor. You can set temperature from -10 °C to +60 °C Slave unit mode – operated: You set the compressor performance directly via 0-10V input. Evaporating temperature depends on compressor performance and other conditions Autonomous pressure (evaporating temperature) control mode for cooling only: The compressor performance changes based on evaporating pressure. You can set the pressure which corresponds with temperatures from -10 °C to +60 °C