

RRCE-D™

Reefer Monitoring Platform

DATASHEET

SIGNIFICANT FEATURES:

- Connects via the data-port located on each reefer port
- Does not require reefer container to have PCT Slave Modem
- Permanently mounted hardware, reducing loss of monitoring equipment
- Ideal for large terminals & vessels
- Up to 60 inputs per unit
- Push alarms and container updates
- Status LEDs at each container position
- Low installation cost
- Easy access for maintenance or board replacement



RTE GRASP 3														
Home Views Operations System Reports Help														
Standard Bay / Yard Plan Alarm List Container Events System Events														
logged as chance.por														
Search...														
		Container ID	Ret	Sup	SetP	Mode	Alarms	Booking SetP	USDA				CA	
									1	2	3	4	Amb	Hum
1	<input type="checkbox"/>	APRU502527-1	-17.9	-15.9	-18.0	Idle	-----	---	---	---	---	28.7	100.0	---
2	<input type="checkbox"/>	APRU575431-3	4.4	2.2	2.2	Cool	-----	---	---	---	---	31.4	90.9	---
3	<input type="checkbox"/>	BMOU970253-0	1.7	-0.2	0.0	Modulation	-----	---	---	---	---	29.6	81.1	75.0
4	<input type="checkbox"/>	CHIU900229-5	1.9	-0.5	0.0	Thermo Off	-----	---	---	---	---	30.1	98.8	65.0
5	<input type="checkbox"/>	CHIU900367-1	14.2	12.9	13.3	Thermo Off	-----	---	---	---	---	29.8	98.8	65.0
6	<input type="checkbox"/>	CRLU152342-8	14.7	13.1	13.3	Thermo Off	-----	---	---	---	---	29.6	96.1	75.0
7	<input type="checkbox"/>	CXRU113220-2	-18.2	-21.1	-18.0	Full Cool	-----	---	---	---	---	31.6	48.8	75.0
8	<input type="checkbox"/>	HJCU810043-7	-19.9	-24.1	-20.0	Thermo Off	-----	---	---	---	---	24.8	33.0	65.0
9	<input type="checkbox"/>	MORU020122-0	14.6	13.2	13.3	Modulation	-----	---	---	---	---	30.6	---	75.0

RTE offers the Refrigerated Shipping Industry the most complete and comprehensive line-up of Remote Reefer Monitoring Solutions available.

As part of the RRCE Family, RRCE-D is based on a Hardware/Software platform that provides a common interface to controllers from different manufacturers.

RRCE-D, in conjunction with RTE's GRASP 3.0 software, gives you the ability to monitor reefer containers in real-time with the following capabilities:

- Collection & Display of operating parameters: Temperature, CA Information, Power Information
- Clear text description of alarms using manufacturers code & text
- Downloads of: temperature, Events, Alarms, PTI, USDA logs, etc.
- Remote control of: Set-points, PTI, defrost, CA
- Graphical Bay/Yard View

RTE

SPECIFICATIONS:

Dimensions:	10.75"L x 8.90"W x 1.50"H (273mm x 226mm x 38mm)
Weight:	12.0 LBS (5.44kg)
Operating Temp:	-40 to 60C (-40 to 140F)
Storage Temp:	-40 to 85C (-40 to 185F)
Flammability:	UL94V-O
Input Voltage:	85 - 264VAC
Current Draw:	0.7 amp @ 230VAC
Battery Backup:	Typically 5 hours
Communication:	4 x 10/100 Ethernet ports, 2 of which provide auto bridging on power failure. Multiplexed serial to a maximum of 60 J-Comm units

SYSTEM COMPONENTS:

RRCE-D - The RRCE-D is permanently installed on the reefer rack or reefer area and provides the interface to/from the GRASP server and the J-Comm network. The communication with the server is TCP/IP on the customer's LAN.

J-Comm - The J-Comm provides the interface to the reefer via an RTE interface cable to the reefer data-port. The J-Comm automatically detects the reefer type and accesses the information available within specific reefer type and transmits the data via the J-Comm network to the RRCE-D. The J-Comm also provides protection as well as storage for the data cable.

Reefer Download Cable - Connects directly to the reefer's data-port. The Reefer Download Cable also contains a fuse breakaway in the case of a drive-off, preventing the loss of the entire cable or damage to the J-Box.

