



*PROFIBUS[®] DPV1 module for DIRIS **B-30***

EN



USE OF THE PROFIBUS® DPV1 MODULE FOR DIRIS B-30

The module contains the inputs (display) and outputs (configuration).

MODULE 1 DESCRIPTION

This module contains several data which can be choose by the configuration tool Easy Config.

OUTPUT FRAME (write)

Data by default / Data with profile 0 selected	
Description	Size (byte)
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4

Total length 124

Data with profile 1 selected	
Description	Size (byte)
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4

ACYCLIC FRAME (read/write)

Data by default / Data with profile 0 selected	
Description	Size (byte)
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4

Total length 44

Data with profile 1 selected	
Description	Size (byte)
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4
NA	4

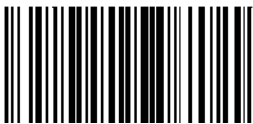
INPUT FRAME (read)

Data by default / Data with profile 0 selected	
Description	Size (byte)
Load 1 : Current : I1	4
Load 1 : Current : I2	4
Load 1 : Current : I3	4
Load 1 : Current : In	4
Load 1 : Ph-N Voltage : V1	4
Load 1 : Ph-N Voltage : V2	4
Load 1 : Ph-N Voltage : V3	4
Load 1 : Ph-N Voltage : Vn	4
Load 1 : Ph-Ph Voltage : U12	4
Load 1 : Ph-Ph Voltage : U23	4
Load 1 : Ph-Ph Voltage : U31	4
Load 1 : Active power : P1	4
Load 1 : Active power : P2	4
Load 1 : Active power : P3	4
Load 1 : Total active power	4
Load 2 : Current : I1	4
Load 2 : Current : I2	4
Load 2 : Current : I3	4
Load 2 : Current : In	4
Load 2 : Ph-N Voltage : V1	4
Load 2 : Ph-N Voltage : V2	4
Load 2 : Ph-N Voltage : V3	4
Load 2 : Ph-N Voltage : Vn	4
Load 2 : Ph-Ph Voltage : U12	4
Load 2 : Ph-Ph Voltage : U23	4
Load 2 : Ph-Ph Voltage : U31	4
Load 2 : Active power : P1	4
Load 2 : Active power : P2	4
Load 2 : Active power : P3	4
Load 2 : Total active power	4
Load 3 : Current : I1	4
Load 3 : Current : I2	4
Load 3 : Current : I3	4
Load 3 : Current : In	4
Load 3 : Ph-N Voltage : V1	4
Load 3 : Ph-N Voltage : V2	4
Load 3 : Ph-N Voltage : V3	4
Load 3 : Ph-N Voltage : Vn	4
Load 3 : Ph-Ph Voltage : U12	4
Load 3 : Ph-Ph Voltage : U23	4
Load 3 : Ph-Ph Voltage : U31	4
Load 3 : Active power : P1	4
Load 3 : Active power : P2	4
Load 3 : Active power : P3	4
Load 3 : Total active power	4
Load 4 : Current : I1	4
Load 4 : Current : I2	4
Load 4 : Current : I3	4
Load 4 : Current : In	4
Load 4 : Ph-N Voltage : V1	4
Load 4 : Ph-N Voltage : V2	4
Load 4 : Ph-N Voltage : V3	4
Load 4 : Ph-N Voltage : Vn	4
Load 4 : Ph-Ph Voltage : U12	4
Load 4 : Ph-Ph Voltage : U23	4
Load 4 : Ph-Ph Voltage : U31	4
Load 4 : Active power : P1	4
Load 4 : Active power : P2	4
Load 4 : Active power : P3	4
Load 4 : Total active power	4
NA	4

Total length (bytes)

244

Data with profile 1 selected	
Description	Size (byte)
Load 1 : Total Positive active Energy : Ea+	4
Load 1 : Total Negative active Energy : Ea-	4
Load 1 : Total Positive reactive Energy : Er+	4
Load 1 : Total Negative reactive Energy : Er-	4
Load 1 : Total Apparent Energy : Eap	4
Load 1 : Active power : P1	4
Load 1 : Active power : P2	4
Load 1 : Active power : P3	4
Load 1 : Total active power	4
Load 1 : Reactive power : Q1	4
Load 1 : Reactive power : Q2	4
Load 1 : Reactive power : Q3	4
Load 1 : Total reactive power	4
Load 1 : Total apparent power	4
Load 1 : Total power factor	4
Load 2 : Total Positive active Energy : Ea+	4
Load 2 : Total Negative active Energy : Ea-	4
Load 2 : Total Positive reactive Energy : Er+	4
Load 2 : Total Negative reactive Energy : Er-	4
Load 2 : Total Apparent Energy : Eap	4
Load 2 : Active power : P1	4
Load 2 : Active power : P2	4
Load 2 : Active power : P3	4
Load 2 : Total active power	4
Load 2 : Reactive power : Q1	4
Load 2 : Reactive power : Q2	4
Load 2 : Reactive power : Q3	4
Load 2 : Total reactive power	4
Load 2 : Total apparent power	4
Load 2 : Total power factor	4
Load 3 : Total Positive active Energy : Ea+	4
Load 3 : Total Negative active Energy : Ea-	4
Load 3 : Total Positive reactive Energy : Er+	4
Load 3 : Total Negative reactive Energy : Er-	4
Load 3 : Total Apparent Energy : Eap	4
Load 3 : Active power : P1	4
Load 3 : Active power : P2	4
Load 3 : Active power : P3	4
Load 3 : Total active power	4
Load 3 : Reactive power : Q1	4
Load 3 : Reactive power : Q2	4
Load 3 : Reactive power : Q3	4
Load 3 : Total reactive power	4
Load 3 : Total apparent power	4
Load 3 : Total power factor	4
Load 4 : Total Positive active Energy : Ea+	4
Load 4 : Total Negative active Energy : Ea-	4
Load 4 : Total Positive reactive Energy : Er+	4
Load 4 : Total Negative reactive Energy : Er-	4
Load 4 : Total Apparent Energy : Eap	4
Load 4 : Active power : P1	4
Load 4 : Active power : P2	4
Load 4 : Active power : P3	4
Load 4 : Total active power	4
Load 4 : Reactive power : Q1	4
Load 4 : Reactive power : Q2	4
Load 4 : Reactive power : Q3	4
Load 4 : Total reactive power	4
Load 4 : Total apparent power	4
Load 4 : Total power factor	4
NA	4



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