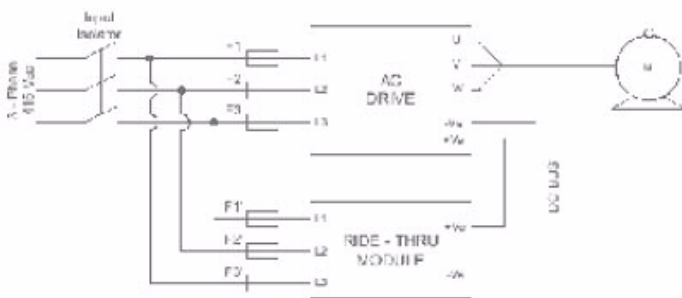


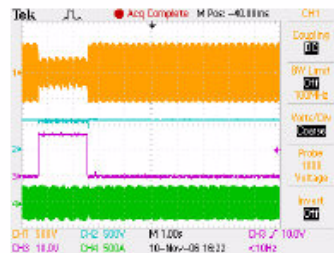
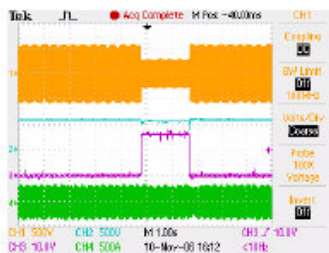
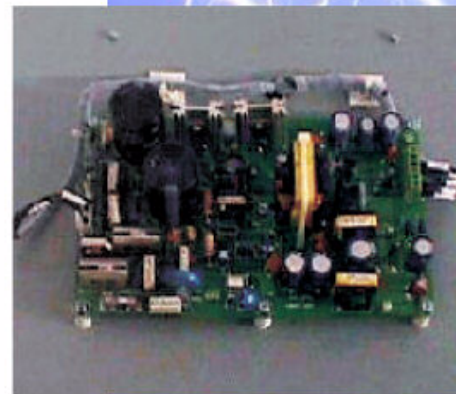
# iDip

Maintains the Motor RPM even if there is 50% voltage dip for 2sec. in all three phases OR any one phase loss.

## Field Connection of Ride-Thru Module with AC Drive



VFD is mainly used for precise speed control. Unfortunately, during input voltage fluctuation, VFD either trips or motor RPM varies. iDip maintains the VFD DC voltage during input voltage fluctuation, even if all three phases reduce or any one phase voltage reduces up to 50% for 2 seconds duration. iDip is usually standby source. It gets active only when there is voltage fluctuation.



# iDip



## ELECTRONICS AND QUALITY DEVELOPMENT CENTRE

REPORT NO. QP/03/0477/06-2006

Page 1 of 3

### INSPECTION REPORT

Name & Address of the Customer		M/s. Hi-Rel Electronics Limited B-117, Sector - 25, G.L.D.C. Gandhinagar, Gandhinagar - 382 044	
Reference :- Vendor Order/Part No.		4204772205	
Date of receipt of the three samples		10.11.2006	
Date of receipt of the three samples (Manufacturer's Date)		10.11.2006	
Inspection Report :- Drawn Date		10.12.2006	
Date of Inspection		10.11.2006	
<b>DESCRIPTION OF THE FIELD SAMPLE UNDER INSPECTION</b>			
Item Name/Label :- <b>iDip - 150</b>			
Location where test is performed		Gandhinagar, Gandhinagar - 382 044	
Make/Model/Type		Hi-Rel/420477	
Quantity/No. of samples		03	
Serial Number/Ident Number, No.		Factory No. 1	
Test specification		Customer	
Test Category		Inspection	
Test Procedure Reference		GPECN 913001	
Inspector's Report		Kindly Refer Attached Sheet 1, 2, 3, 4, 5, 6	
Serial Number	Make/Model	Serial Number	Calibration Due Date
1- Power Quality Analyser	Hi-Rel/G1	DM117005	11/13/2007



Form No. 42-IDP/Rev. No. 01 / 05/01 / Form 01/07/04

### Salient Features :

Voltages	460 VAC +/- 10%, 50Hz
Power Rating	5KW - 500KW
Dip Ride-Thru	At rated KW for up to 2 seconds with 50% incoming dip or any one phase missing
Storage Temp	(-) 40°C to (+)70°C
Humidity	0 to 95% RH non condensing / non corrosive
Atmosphere	40°C

**HI-REL**  
Powering Growth

### Hi-Rel Electronics Limited

B-117 & 118, G.L.D.C. Electronics Zone,  
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