

Assembly description for C20741.005 - INDOOR FP2 PRSB 14kW 48VDC Sferia

Prepared by Ivan Tomko	Date (dd.mm.yyyy) 22.2.2011	Revision 2	Document no. 2096445	Page 1 of 9
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General Assembly description

Applicable Part

Eltek Valere part no.	IFS part name	Part type	Revision
C20741.005	INDOOR FP2 PRSB 14kW 48VDC Sferia	FP2	6

Front view with panels	Back view with panels
	

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Front view without panels




Back view without panels




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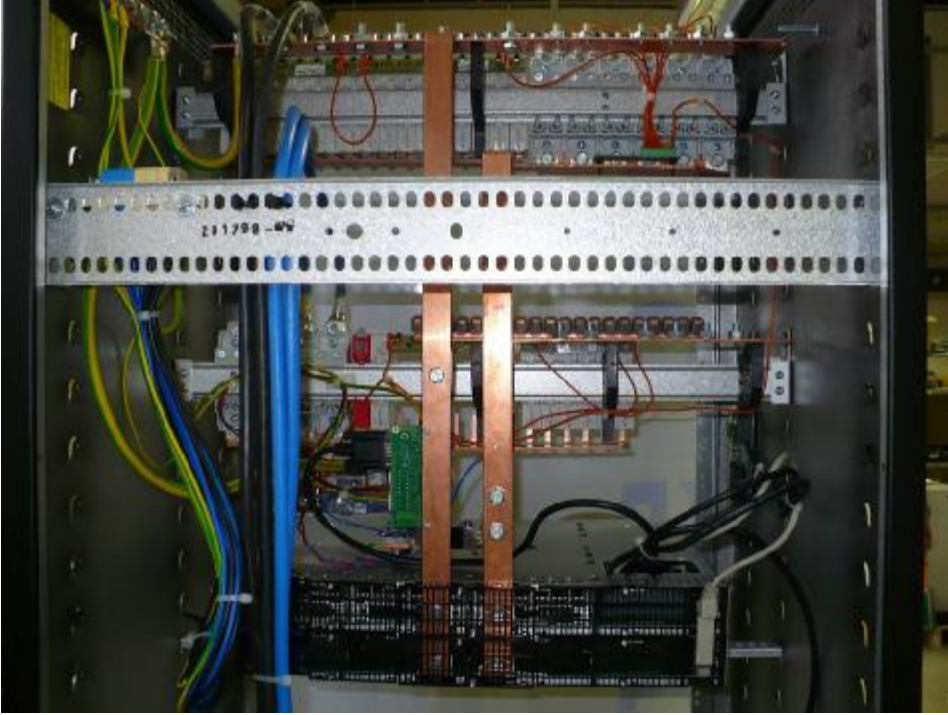
Assembly details


Picture	Comment
	<p>Up view.</p> <p>AC terminal blocks.</p> <p>Ground bus</p> <p>Terminals on common positive busbar</p>

Picture	Comment
	<p>Distribution – front view.</p>

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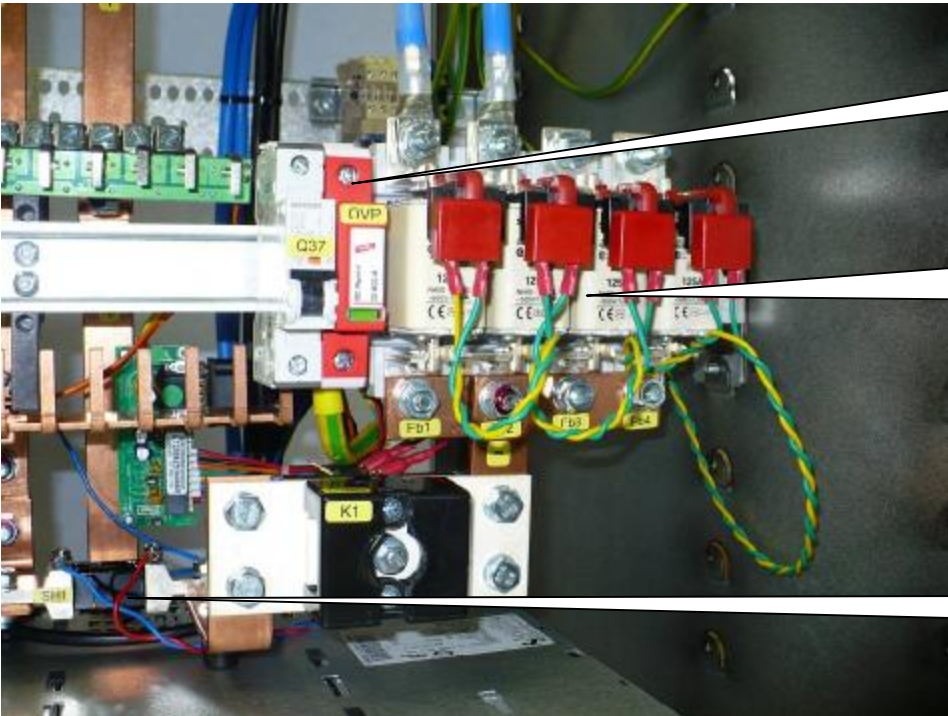
Picture	Comment
	<p>Rear view.</p>

Picture	Comment
	<p>Distribution I -48Vdc 3 x 63A FI1 – FI3 3 x 50A FI4 – FI6 12 x 20A Q7 – Q18 3 x 16A Q19 – Q21 2 x 10A Q22 – Q23</p>

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Picture	Comment
	<p>Distribution II -48Vdc 3 x C10A Q24 – Q26 2 x C6A Q27 – Q28 1 x C2A Q29</p> <p>Diode matrix neg.distribution</p> <p>LVBD K1 contactor</p>

Picture	Comment
	<p>OVP Q37 – C25A</p> <p>Battery breakers Fb1 – Fb4 4 x 125A</p> <p>Shunt SH1 300A 60mV</p>

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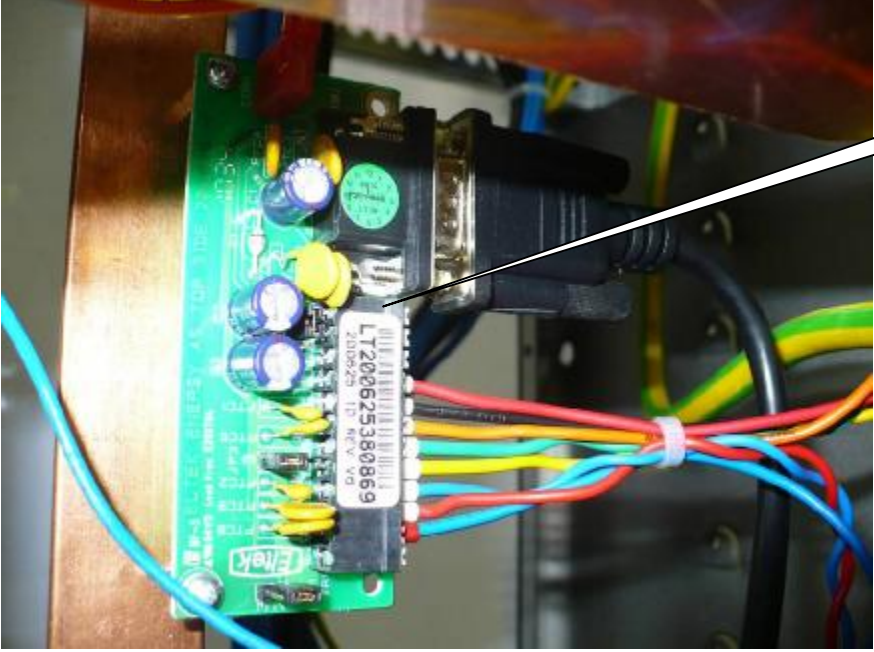
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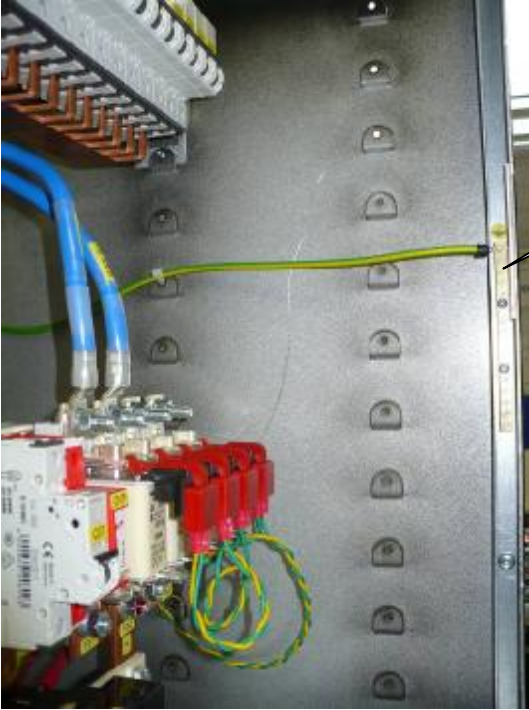
Picture	Comment
 <p>A photograph of a server rack showing various components. Callout lines point from text boxes to specific parts: an extension alarm card on a terminal block, a Smartpack monitoring/controlling unit, and a FlatchPack2 48/2000 HE power supply unit.</p>	<p>Extension alarm card 6al + 6dig.</p> <p>Smartpack monitoring/controlling unit</p> <p>FlatchPack2 48/2000 HE</p>

Picture	Comment
 <p>A close-up photograph of the battery connection area in the rack. Callout lines point from text boxes to a battery connection card, a temperature sensor, and battery symmetry cables.</p>	<p>Battery connection card Smartpack</p> <p>Temperature sensor</p> <p>Battery symmetry cables</p>

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Picture	Comment
	<p>System connection card</p>

Picture	Comment
	<p>Protective earth terminals mounted on starboard</p>

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Picture	Comment
	<p data-bbox="1197 358 1436 481">Warning label and distribution labels</p> <p data-bbox="1197 560 1436 672">PE – upper door connection</p>

Picture	Comment
	<p data-bbox="1197 1545 1436 1657">System label.</p>

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Picture	Comment
	<p>Positive and negative battery cables</p> <p>Battery shelves</p>

Picture	Comment
	<p>Enclosed documents and parts.</p>