

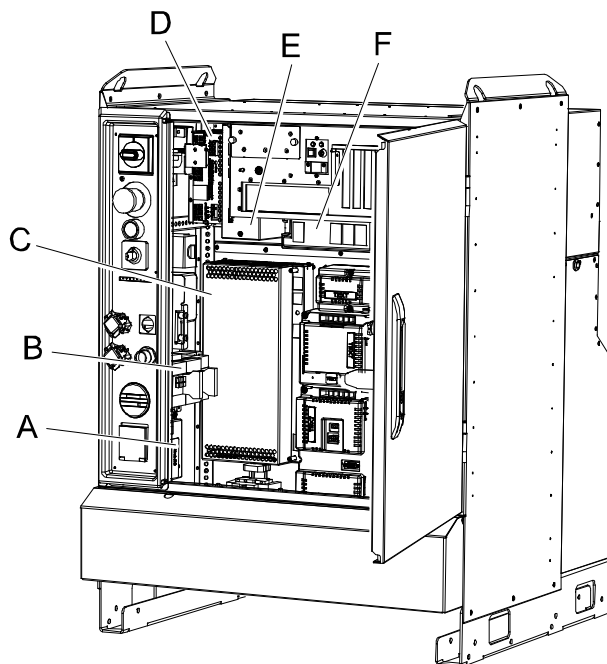
4 Repair activities, controller IRC5

4.29.3. Replacement of customer I/O power supply, IRC5

4.29.3. Replacement of customer I/O power supply, IRC5

Location

The customer I/O power supply is located as shown in the illustration below. For the Dual Cabinet Controller the customer I/O power supply is located in the Control Module with the same placement.



xx0500001951

A	Contactor interface board
B	Contactors
C	Drive system power supply
D	Customer I/O power supply
E	Control power supply
F	Backup energy bank

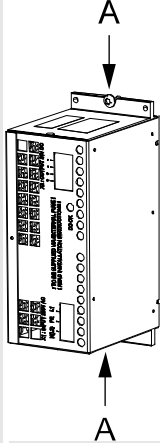
Required equipment

Equipment	Spare part no.	Art. no.	Note
Customer I/O Power Supply	3HAC12934-1		DSQC 608
Standard toolkit			The contents are defined in section Standard toolkit!
Other tools and procedures may be required. See references to these procedures in the step-by-step instructions below.			These procedures include references to the tools required.
Circuit Diagram		3HAC024480-004 3HAC026871-005	Complete control system

Continues on next page

Removal

The procedure below details how to remove the customer I/O power supply.

	Action	Note/Illustration
1.	 DANGER! Before commencing any work inside the cabinet, please observe the safety information in section <i>DANGER - Make sure that the main power has been switched off! on page 30.</i>	
2.	Remove the Flange disconnect unit. (option)	Detailed in section <i>Replacement of Flange disconnect on page 183</i>
3.	Disconnect all connectors.	NOTE! Make a note of any connections.
4.	Remove the upper and lower attachment screws.	 xx0400000908 A: attachment screw (2 pcs)
5.	Remove the power supply unit.	

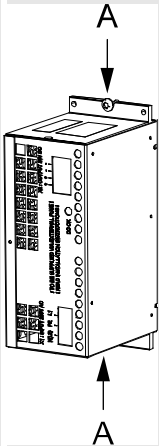
4 Repair activities, controller IRC5

4.29.3. Replacement of customer I/O power supply, IRC5

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Refitting

The procedure below details how to refit the customer I/O power supply.

	Action	Note/Illustration
1.	 DANGER! Before commencing any work inside the cabinet, please observe the safety information in section <i>DANGER - Make sure that the main power has been switched off!</i> on page 30.	
2.	Refit the new power supply unit.	
3.	Refit the attachment screws.	 xx0400000908 • A: attachment screw (2pcs)
4.	Reconnect all connectors.	
5.	Refit the Flange disconnect unit (option).	Detailed in section <i>Replacement of Flange disconnect</i> on page 183