MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Amikon cover with official ABB spare-parts reference pages

UNITROL / UFC092BE01

HIEE300910R0001

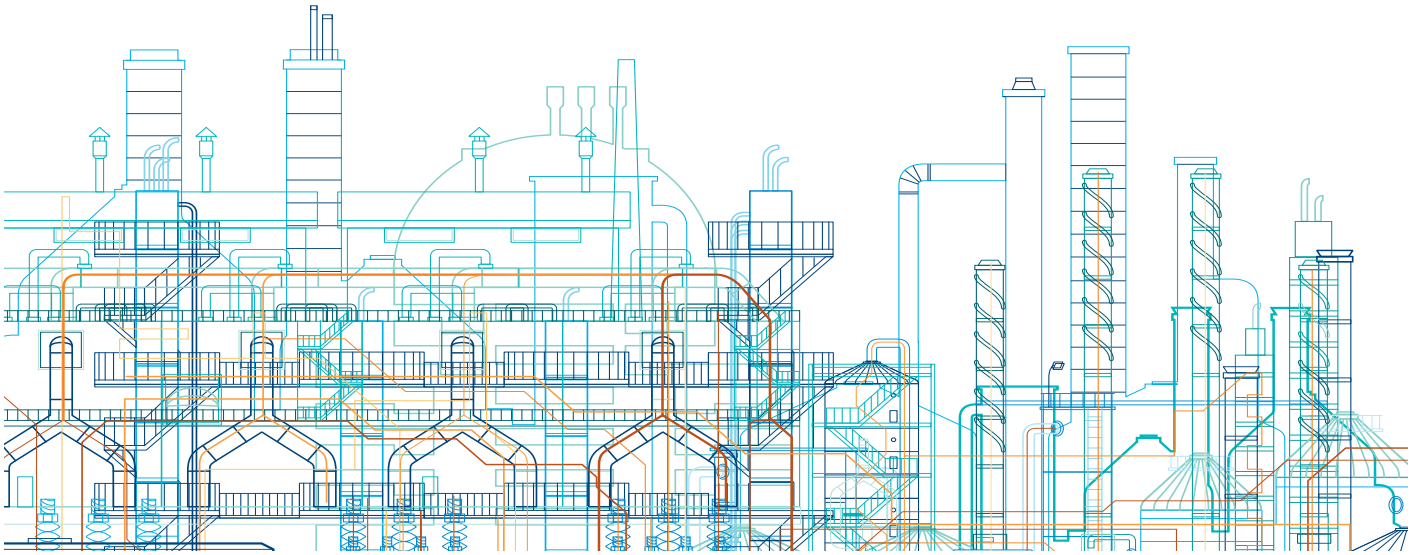
16-CHANNEL BINARY INPUT INTERFACE

OFFICIAL SOURCES

ABB UNITROL P flyer pp.1-2 and historical 2019 excitation list p.3. Original reference pages, not an installation manual; historical offers are not current commercial terms.

Service note

UNITROL® P spare parts
Maximizing your operating time



ABB's spare part service for UNITROL P excitation systems, plays a key role in maintaining the availability and minimizing downtime. Having the right part at the right place and at the right time is essential preparation for unexpected situations.

Spare part availability is a matter of top priority. To recover from a stoppage quickly, the right part should be available on-site, immediately. Spare parts represent a small investment that can have a significant effect on profit.

Benefits

- Guaranteed full system functionality and safe operation
- Minimized risk exposure to unexpected downtime
- Genuine OEM spare parts

Highly recommended spare parts

Those spare parts that have a long delivery time, and as such would have the greatest impact on a UNITROL P's downtime, need to have a high priority for customers. A detailed list of these parts can be found on the back page.

Recommended spare parts

There are some spare parts that would have an impact on the availability of a UNITROL P, but which are more readily available. These include panels, backplanes or electromechanical parts (relays, contactors), protection relays, transducers, components like resistors, capacitors, diode and thyristor modules, varistors.

Spare parts for maximum availability

All parts covering basic needs (i.e. thermostats, relay sockets, transformers - excepted cables and terminals).

Highly recommended spare parts for one UNITROL® P unit

Description	Type	Identification no.	Pcs used in one unit
Processing Unit	PP C322 BE1	HIEE300900R0001	2
Gate Control Unit	GD B021 BE1	HIEE300766R0001	2
Combined I/O	UA C326 AE 1	HIEE401481R0001	2
Power Pack	KU C321 AE1	HIEE300698R0001	2
Input Filter for Power Supply		3BHE003523R0030	1
Power Pack	MPS 10/5-230/24/48	3BHB006449R0001	2
Converter Electronics	UNS 3670, V2	HIEE205011R0002	4
Fan 230V, 240W	GDRM 42-133B-2	3BHE018893R0001	8
Thyristor	SPEZ 3BHS126938	3BHE013707R0002	27
Thyristor fuse	170M6501	HIER465095P0003	24
Measuring Interface	UNC 4672a-P, V1	HIEE205012R0001	2
Measuring Interface	UNC 4673a-P, V1	HIEE205014R0001	2
Binary Field Bus Coupler	UP C090 AE1	HIEE300661R0001	3
Binary Input 16 Fold	UF C092 B1	HIEE300910R0001	1
Output Relay 16 Fold	AR C093 A1	HIEE300690R0001	2
Analog Input/Output module	UA C096AE1	HIEE300794R0001	1
I/O Interface	UNC 4674b-E, V1	HIEE305089R0001	2
Firing Unit	UNS 0017a-P	HIEE305106R0001	1
Board overvoltage protection	UNS 4684a-P V1	HIEE305144R0001	4
Fuse	20A 1000VDC/1500VAC	3BHB004572R0006	3
Fuse	20A 1000VDC/1500VAC	HETT401476P0010	2
Fuse	6A 1000VDC/1500VAC	HETT401476P0005	6
Fuse	50AT	HETT401476P0014	12

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Please note: Recommended and other possible spare parts are always tailored to application specific requirements. For details please get in contact with the service team.

For more information please contact:

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Power and productivity
for a better world™

UNITROL® 5000 spare parts included in the offer

Discount valid until December 31, 2019

UNITROL® family	Identification number	Type	Description	System depending settings
UN 5000	3BHE014967R0002	UNS 2880 B-P V2	Control Board	X
UN 5000	3BHE009319R0001	UNS 2881 B-P V1	Measuring unit board	X
UN 5000	3BHE003855R0001	UNS 2882 A-P V1	Extended gate controller	X
UN 5000	3BHB005922R0001	UNS 0880 A-P V1	Converter Interface	X
UN 5000	3BHB005922R0002	UNS 0880 A-P V2	Converter Interface	X
UN 5000	3BHB006338R0001	UNS 0881 A-P V1	Gate driver interface	
UN 5000	3BHB006338R0002	UNS 0881 A-P V2	Gate driver interface	
UN 5000	3BHB006309R0001	UNS 0882 A-P V1	Power Signal Interface	X
UN 5000	3BHB006208R0001	UNS 0883 A-P V1	Fast I/O	X
UN 5000	3BHE004385R0001	UNS 0884 A-P V1	Current Sensor	
UN 5000	3BHB006943R0001	UNS 0885 A-Z V1	Converter Display	
UN 5000	3BHB006943R0002	UNS 0885 A-Z,V2	Converter Display	
UN 5000	3BHE008128R0001	UNS 0887 A-P	Communication Adapter Print	
UN 5000	3BHB002651R0001	UNS 0874 A-P V1	Service Panel	
UN 5000	HIEE300661R0001	UP C090 AE 01	Fieldbus coupler	X
UN 5000	HIEE300910R0001	UF C092 BE01	Digital Input Interface	X
UN 5000	HIEE300690R0001	AR C093 AE 01	Relay Output Interface	X
UN 5000	HIEE200130R0002	AF C094 AE 02	Local Control Panel	X
UN 5000	HIEE300794R0001	UA C096 AE 01	Analog I/ Interface	X
UN 5000	3BHB000644R0001	UP C325 AE 01	Optical Bus Interface	X
UN 5000	HIEE305089R0001	UNC 4674 B V1	Local Bus Interface	X
UN 5000	3BHE009949R0003	UNS 4881 B V3	AVR Unit (COB+MUB) Assembly	X
UN 5000	3BHE009949R0004	UNS 4881 B V4	AVR Unit (COB+MUB+EGC) Assembly	X
UN 5000	HIEE305106R0001	UNS 0017 A-P V1	Firing unit	X
UN 5000	3BHE035495R0010	UNS 0017 A-P V1	Firing Board with 1000V BOD	X
UN 5000	3BHE035495R0012	UNS 0017 A-P V1	Firing Board with 1200V BOD	X
UN 5000	3BHE035495R0014	UNS 0017 A-P V1	Firing Board with 1400V BOD	X
UN 5000	3BHE035495R0016	UNS 0017 A-P V1	Firing Board with 1600V BOD	X
UN 5000	3BHE035495R0018	UNS 0017 A-P V1	Firing Board with 1800V BOD	X
UN 5000	3BHE035495R0020	UNS 0017 A-P V1	Firing Board with 2000V BOD	X
UN 5000	3BHE035495R0022	UNS 0017 A-P V1	Firing Board with 2200V BOD	X
UN 5000	3BHE035495R0024	UNS 0017 A-P V1	Firing Board with 2400V BOD	X
UN 5000	3BHE035495R0026	UNS 0017 A-P V1	Firing Board with 2600V BOD	X
UN 5000	3BHE035495R0028	UNS 0017 A-P V1	Firing Board with 2800V BOD	X
UN 5000	HIEE205010R0003	UNS 3020A-Z,V3	Protection relay	X
UN 5000	3BHE018522R0004	USB-Hardlock ECT	full version (turquoise)	
UN 5000	3BHE033808R5154	ECT	ECT UN5000 Win10, 15", 32GB SQFlash SLC	