



Liste der geprüften Produkte ACOPOS P3 mit Standard Sicherheitstechnik:
Liste der geprüften Produkte ACOPOS P3 with standard safety technology:

B&R servo drive ACOPOS P3 with standard safety technology
EC-Type Examination Certificate No.: M6A 041745 011 Rev. 01

Manufacturer / Hersteller

Test body / Prüfstelle

B&R Industrial Automation GmbH
B&R Strasse 1
5142 Eggelsberg, Austria

TÜV SÜD Rail GmbH
Barthstrasse 16
80339 München, Germany

B&R servo drive ACOPOS P3 with standard safety technology
B&R Servoverstärker ACOPOS P3 mit Standard Sicherheitstechnik

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1. List of certified built-in components:
Liste der zertifizierten verbauten Komponenten:

No. Nr.	Product name ¹ Produktbezeichnung ²	Description Beschreibung	Certified versions Zertifizierte Versionen
			Hardware Revision / Firmware Revision ³
8EI1X6HxS1x.xxxx-1, 8EI2X2HxS1x.xxxx-1, 8EI4X5HxS1x.xxxx-1, 8EI8X8HxS1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-480 VAC, 1 axes (1,6A, 2,2A, 4,5A, 8,8A)			
CON	8ZEC000000S11.00-1	ACP P3 CON module S	B1, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088H0S01.00-1	ACP P3 LST module 8,8 A HV S	B0, C0, D0, D9, E0
ZUB ⁴	8ZEX0088HWS10.00-1	Manufacturing mandatory accessories HV S	A0, B0, C0
	8ZEX0088HWS10.01-1	Manufacturing mandatory accessories HV S, with braking resistor	A0, B0, C0
	8ZEX0088HCS10.00-1	Manufacturing mandatory accessories HV S	A0, B0, C0
8EI1X6MxS1x.xxxx-1, 8EI2X2MxS1x.xxxx-1, 8EI4X5MxS1x.xxxx-1, 8EI8X8MxS1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-230 VAC, 1x 110-230 VAC, 1 axes (1,6A, 2,2A, 4,5A, 8,8A)			
CON	8ZEC000000S11.00-1	ACP P3 CON module S	B1, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088M0S01.00-1	ACP P3 LST module 8,8 A MV S	B0, C0, D0, D9, E0
ZUB ⁴	8ZEX0088MWS10.00-1	Manufacturing mandatory accessories MV S	A0, B0, C0
	8ZEX0088MWS10.01-1	Manufacturing mandatory accessories MV S, with braking resistor	A0, B0, C0
	8ZEX0088MCS10.00-1	Manufacturing mandatory accessories MV S	A0, B0, C0

¹ The product name and the hardware revision of the certified components can be taken from the serial number label of the respective ACOPOS P3 servo drive 8EI.

² Die Produktbezeichnung sowie die Hardware Revision der zertifizierten Komponenten können dem Seriennummernetikett des jeweiligen ACOPOS P3 Servoverstärker 8EI entnommen werden.

³ Not safety relevant

⁴ One of the built-in components is required / Eine der verbauten Komponenten ist erforderlich



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8EI1X6MxS3x.xxxx-1, 8EI2X2MxS3x.xxxx-1, 8EI4X5MxS3x.xxxx-1, 8EI8X8MxS3x.xxxx-1 ACOPOS P3 servo drive, SCBE, 3x 200-230 VAC, 1x 110-230 VAC, 1 axes (1,6A, 2,2A, 4,5A, 8,8A)			
CON	8ZEC000000S11.00-1	ACP P3 CON module S	B1, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088M0S31.00-1	ACP P3 LST module 8,8 A MV S SCBE	B0, C0, D0, D9
ZUB ⁴	8ZEX0088MWS10.00-1	Manufacturing mandatory accessories MV T	A0, B0, C0
	8ZEX0088MWS10.01-1	Manufacturing mandatory accessories MV T, with braking resistor	A0, B0, C0
	8ZEX0088MCS10.00-1	Manufacturing mandatory accessories MV T	A0, B0, C0
8EI2X2HxT1x.xxxx-1, 8EI4X5HxT1x.xxxx-1, 8EI8X8HxT1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-480 VAC, 3 axes (2,2A, 4,5A, 8,8A)			
CON	8ZEC000000T11.00-1	ACP P3 CON module T	B0, B2, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088H0T01.00-1	ACP P3 LST module 8,8 A HV T	B0, B1, B2, C0, D0, E0
ZUB ⁴	8ZEX0088HWT10.00-1	Manufacturing mandatory accessories HV T	B0, B1, C0
	8ZEX0088HWT10.01-1	Manufacturing mandatory accessories HV T, with braking resistor	B0, B1, C0
	8ZEX0088HCT10.00-1	Manufacturing mandatory accessories HV T	A0, B0, C0
8EI2X2HxD1x.xxxx-1, 8EI4X5HxD1x.xxxx-1, 8EI8X8HxD1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-480 VAC, 2 axes (2,2A, 4,5A, 8,8A)			
CON	8ZEC000000D11.00-1	ACP P3 CON module D	B1, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088H0D01.00-1	ACP P3 LST module 8,8 A HV D	B0, C0, D0, E0
ZUB ⁴	8ZEX0088HWD10.00-1	Manufacturing mandatory accessories HV D	B0, B1, C0
	8ZEX0088HWD10.01-1	Manufacturing mandatory accessories HV D, with braking resistor	B0, B1, C0
	8ZEX0088HCD10.00-1	Manufacturing mandatory accessories HV D	A0, B0, C0
8EI2X2MxT1x.xxxx-1, 8EI4X5MxT1x.xxxx-1, 8EI8X8MxT1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-230 VAC, 1x 110-230 VAC, 3 axes (2,2A, 4,5A, 8,8A)			
CON	8ZEC000000T11.00-1	ACP P3 CON module T	B0, B2, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088M0T01.00-1	ACP P3 LST module 8,8 A MV T	B1, B2, C0, D0, E0
ZUB ⁴	8ZEX0088MWT10.00-1	Manufacturing mandatory accessories MV T	B0, B1, B2, C0
	8ZEX0088MWT10.01-1	Manufacturing mandatory accessories MV T, with braking resistor	B0, B1, C0
	8ZEX0088MCT10.00-1	Manufacturing mandatory accessories MV T	A0, B0, C0
8EI2X2MxD1x.xxxx-1, 8EI4X5MxD1x.xxxx-1, 8EI8X8MxD1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-230 VAC, 1x 110-230 VAC, 2 axes (2,2A, 4,5A, 8,8A)			
CON	8ZEC000000D11.00-1	ACP P3 CON module D	B1, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0
LST	8ZEL0088M0D01.00-1	ACP P3 LST module 8,8 A MV D	B0, C0, D0, E0



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ZUB ⁴	8ZEX0088MWD10.00-1	Manufacturing mandatory accessories MV D	B0, B1, C0
	8ZEX0088MWD10.01-1	Manufacturing mandatory accessories MV D, with braking resistor	B0, B1, C0
	8ZEX0088MCD10.00-1	Manufacturing mandatory accessories MV D	A0, B0, C0
8EI2X2MxT3x.xxxx-1, 8EI4X5MxT3x.xxxx-1, 8EI8X8MxT3x.xxxx-1 ACOPOS P3 servo drive, SCBE, 3x 200-230 VAC, 1x 110-230 VAC, 3 axes (2,2A, 4,5A, 8,8A)			
CON	8ZEC000000T11.00-1	ACP P3 CON module T	B0, B2, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	B0, B1, B2, B3, C0, D0, E0, F0, G0, H0,
LST	8ZEL0088MOT31.00-1	ACP P3 LST module 8,8 A MV T SCBE	B0, B1, B3, B4, C0, D0, E0
ZUB ⁴	8ZEX0088MWT10.00-1	Manufacturing mandatory accessories MV T	B0, B1, B2, C0
	8ZEX0088MWT10.01-1	Manufacturing mandatory accessories MV T, with braking resistor	B0, B1, C0
	8ZEX0088MCT10.00-1	Manufacturing mandatory accessories MV T	A0, B0, C0
8EI013HxS1x.xxxx-1, 8EI017HxS1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-480 VAC, 1 axes (13A, 17A)			
CON	8ZEC000000S11.00-1	ACP P3 CON module S	B1, C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	C0, D0, E0, F0, G0, H0
LST	8ZEL0170H0S01.00-1	ACP P3 LST module 17 A HV S	A0, B0, C0, E0
ZUB ⁴	8ZEX0170HWS10.00-1	Manufacturing mandatory accessories HV S	A0, C0, D0
	8ZEX0170HWS10.01-1	Manufacturing mandatory accessories HV S, with braking resistor	A0, C0, D0
	8ZEX0170HCS10.00-1	Manufacturing mandatory accessories HV S	A0, B0, C0
8EI024HxS1x.xxxx-1, 8EI034HxS1x.xxxx-1, 8EI044HxS1x.xxxx-1 ACOPOS P3 servo drive, 1x 200-480 VAC, 1 axes (24A, 34A, 44A)			
CON	8ZEC000000S11.00-1	ACP P3 CON module S	C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	F0, G0, H0
LST	8ZEL0440H0S01.00-1	ACP P3 LST module 44 A HV S	B0, C0
BUS	8ZEB044000S01.00-1	ACP P3 BUS module 44 A S	B0, C0
ELK	8ZEE044000S01.00-1	ACP P3 ELK module 44 A S	A0, B0, C0, D0
ZUB ⁴	8ZEX0440HWS10.00-1	Manufacturing mandatory accessories HV S	A1, C0
	8ZEX0440HCS10.00-1	Manufacturing mandatory accessories HV S	A0, B0, C0
8EI017HxD1x.xxxx-1, 8EI022HxD1x.xxxx-1 ACOPOS P3 servo drive, 3x 200-480 VAC, 2 axes (17A, 22A)			
CON	8ZEC000000D11.00-1	ACP P3 CON module D	C0, D0, E0
PROZ	8ZEP000000001.00-1	ACP P3 PROZ module	F0, G0, H0
LST	8ZEL0220H0D01.00-1	ACP P3 LST module 22 A HV D	B0, C0, D0, E0
BUS	8ZEB022000D01.00-1	ACP P3 BUS module 22 A D	A0, C0, D0, E0
ELK	8ZEE022000D01.00-1	ACP P3 ELK module 22 A D	B0, C0, E0, F0
ZUB ⁴	8ZEX0220HWD10.00-1	Manufacturing mandatory accessories HV D	A1, C0
	8ZEX0220HCD10.00-1	Manufacturing mandatory accessories HV D	A0, B0, C0



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2. List of certified User Manual revisions:

Liste der zertifizierten Handbuch Revisionen:

No. Nr.	Product name Produktbezeichnung	Title Titel	Certified versions Zertifizierte Versionen
AWB 1	MAACPP3-GER	ACOPOS P3 user's manual, German	1.00, 1.10, 1.20
AWB 2	MAACPP3-ENG	ACOPOS P3 user's manual, English	1.00, 1.10, 1.20

3. Safety functions:

Sicherheitsfunktionen:

B&R servo drive ACOPOS P3 with standard safety technology realizes the safety function STO (Safe Torque Off) according EN 61800-5-2. This stop function is conform to stop category 0 according EN 60204-1.

If used accordingly the application examples documented in the user manual, the ACOPOS P3 with standard safety technology can be used in the safety functions SS1, SS2, SLS and SOS (EN 61800-5-2) respectively Stop Category 1 and 2 (EN 60204-1).

Der B&R Servoverstärker ACOPOS P3 mit Standard Sicherheitstechnik realisiert die Sicherheitsfunktion STO (Safe Torque Off) nach EN 61800-5-2. Die Abschaltung entspricht Stopp-Kategorie 0 nach EN 60204-1.

Entsprechend den im Anwenderhandbuch beschriebenen Applikationsbeispielen kann der ACOPOS P3 mit Standard Sicherheitstechnik auch in den Sicherheitsfunktionen SS1, SS2, SLS, SOS (EN 61800-5-2) bzw. Stopp-Kategorie 1 und 2 (EN 60204-1).

	Release by Test Body: Freigabe Prüfstelle:	Release by Certification Body: Freigabe Zertifizierstelle:	Release by Manufacturer: Freigabe Hersteller:
Date: Datum:			
Signature: Unterschrift:			



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4. Version History:
Versionshistorie:

Revision:	Name:	Date:	Changes/History:
1.0	K.Leupold	2016-01-26	Initial. Technical Report: BE87994T
1.1	K.Leupold	2016-06-07	New single axis modules: BE88727T
1.2	K.Leupold	2016-06-13	Correction of Typo
1.3	K.Leupold	2017-01-17	Changed Layout (D0): BE90380T
1.4	K.Leupold	2017-04-27	New single axias module (13A, 17A), New version of PROZ module: BE90931T
1.5	K.Leupold	2017-08-22	New single axis module (1 x 44A) and new double axis module (2x 22A) Minor modifications on existing modules BE91480T
1.6	K.Leupold	2018-02-30	Added ordering designation for Dual-Use functionality Minor modifications on existing 1x44A modules (new revision) New version of user's manual BE92496T
1.7	J. Luther	2018-11-29	Add new module-variant for Feed through and coldplate mounting plates BE93267T
1.8	K. Leupold	2019-07-15	New version of user's manuel for STO single channel (STO1) BE94142T
1.9	K. Leupold / D. Oldendorf	2021-07-12	Add new module-variant for Feed through and coldplate mounting plates (BE97119T)
1.10	K. Leupold	2022-03-28	Update module revisions, new certificate BE98480T