



## NRAQ.E134045 Programmable Controllers

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### Programmable Controllers

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**ABB AUTOMATION PRODUCTS GMBH**

E134045

APR/ACA  
EPELHEIMER STRASSE 82  
69123 HEIDELBERG, GERMANY

**Investigated to ANSI/UL 508**

**AC500 and S500 Series accessories, open type, all may be followed by -XC Model(s)** MC502, TA 724, TA521, TA523, TA524, TA525, TA526

**AC500 and S500 Series accessories, open type, all may be followed by XC Model(s)** TK501, TK502

**AC500 and S500 Series analog and digital I/O modules, open type, all may be followed by -XC Model(s)** CI 741F, CI501-PNIO, CI511-ETHCAT, CI521-MODTCP, CI541-DP, CI581-CN, CI592-CS31

**AC500 and S500 Series analog I/O modules, open type, all may be followed by -XC Model(s)** AC 722F, AC522, AI523, AO 723F, AX 721F, AX 722F, AX521, AX522

**AC500 and S500 Series analog I/O modules, open type, all may be followed by -XC Model(s)** AI 723F, AI531, AI581-S, AI731F, AO523

**AC500 and S500 Series communication coupler modules, all may be followed by -XC Model(s)** CM579-PNIO, CM597-ETH, CM589-PNIO, CM592-DP and CM598-CN

**AC500 and S500 Series communication coupler modules, open type, all may be followed by -XC Model(s)** CM 772F, CM572-DP, CM574-RCOM, CM574-RS, CM575-DN, CM577-ETH, CM578-CN, CM579-ETHCAT, CM579-PNIO

**AC500 and S500 Series communication coupler modules, open type, all may be followed by XC Model(s)** CM588-CN

**AC500 and S500 Series CPU units, all may be followed by -XC Model(s)** PM595-4ETH may be followed by -F or -M

**AC500 and S500 Series CPU units, open type , all may be followed by -XC Model(s)** PM583-ETH

**AC500 and S500 Series CPU units, open type, all may be followed by -XC Model(s)** EC581-ARCNET, EC583-ARCNET, PM571-ETH, PM572-ARCNET, PM581, PM581-ARCNET, PM582-ETH, PM583-ARCNET, SM560-S

**AC500 and S500 Series CPU units, open type, all may be followed by -XC Model(s)** BCU06-ETH, EC583, EC583-ETH, PM 783F, PM571, PM571-RCNET, PM572, PM572-ETH, PM573, PM573-ARCNET, PM573-ETH, PM581-ETH, PM582, PM582-ARCNET, PM583, PM591, PM591-ARCNET, PM591-ETH, PM592, PM592-ARCNET, PM592-ETH

**AC500 and S500 Series decentral communication modules, open type, all may be followed by -XC Model(s)** CI504-PNIO, CI506-PNIO

**AC500 and S500 Series decentral I/O modules, open type, all may be followed by -XC Model(s)** CI590-CS31, DC 705F, DC505-FBP, DC551-08L1, DC551-CS31

**AC500 and S500 Series digital I/O modules, open type, all may be followed by -XC Model(s)** CD 722F, CD522, CI502-PNIO, CI512-ETHCAT, CI522-MODTCP, CI542-DP, CI582-CN

CM589-PNIO-x, x maybe followed by additional digits

DA 701F, DA501, DA502, DC 722F, DC 723F, DC 732F, DC522, DC523, DC532, DC541-CM, DX 722F, DX 731F, DX522, DX531, DX581-S

**AC500 and S500 Series digital input modules, open type, all may be followed by -XC Model(s)** DI 724F, DI524, DI581-S, PM585-ETH, PM590, PM590-ARCNET, PM590-ARCNET-ETH, PM590-ETH

**AC500 and S500 Series positioning modules, open type, all may be followed by -XC Model(s)** PD501

**AC500 and S500 Series terminal bases, open type, all may be followed by -XC Model(s)** TB 711F, TB511-ARCNET, TB511-ETH, TB521-ARCNET, TB521-ETH, TB541-ARCNET, TB541-ETH

**AC500 and S500 Series terminal units, open type, all may be followed by -XC Model(s)** TU 705F, TU 706F, TU 709F, TU 710F, TU 715F, TU 716F, TU 731F, TU 732F, TU505, TU506, TU507-ETH, TU508-ETH, TU509, TU510, TU515, TU516, TU517, TU518, TU520-ETH, TU531, TU532, TU541, TU542, TU551-CS31, TU552-CS31, TU582-S

**AC500 eCo Series programmable controllers** Model(s) PM556-TP-ETH

**AC500-eCo Series listed accessories, open type** Model(s) MC503, TA560-BAT, TA561-RTC, TA562-RS, TA562-RS-RTC, TA566, TA570, TK503, TK504, TK506

**AC500-eCo Series programmable controllers, open type** Model(s) AI561, AI562, AI563, AO561, AX561, DC561, DC562, DI561, DI562, DI571, DI572, DO561, DO562, DO571, DO572, DO573, DX561, DX571, FM562, PM554-R, PM554-R-AC, PM554-RP, PM554-RP-AC, PM554-T, PM554-T-ETH, PM554-TP, PM554-TP-ETH, PM564-R, PM564-R-AC, PM564-R-ETH, PM564-R-ETH-AC, PM564-RP, PM564-RP-AC, PM564-RP-ETH, PM564-RP-ETH-AC, PM564-T, PM564-T-ETH, PM564-TP, PM564-TP-ETH

**Advant controller 31 analog I/O modules, open type** Model(s) 07 AC 91

**Advant controller 31 analog input modules, open type** Model(s) 07 AI 90-S, 07 AI 91

**Advant controller 31 basic units, open type** Model(s) 07 KR 91\*, 07 KT 92\*, 07 KT 93\*, 07 KT 93-S\*, 07 KT 94\*, 07 KT 94-S\*, 07 KT 95\*, 07 KT 95-S\*, 07 KT 96\*, 07 KT 96-S\*, 07 KT 97\*, 07 KT 97-S\*, 07 KT 98\*, 07 KT 98-S\*

**Advant controller 31 communication modules, open type** Model(s) 07 KP 90, 07 KP 92, 07 KP 93, 07 KP 94, 07 KP 95 (a), 07 MK 92, 07 TC 91 (a), 07 TC 92 (a)

**Advant controller 31 digital I/O modules, open type** Model(s) 07 DC 91, 07 DC 92

**Advant controller 31 digital input modules, open type** Model(s) 07 DC 92, 07 DI 90-S, 07 DI 92

**Advant controller 31 digital output modules, open type** Model(s) 07 DO 90-S

**Control modules** Model(s) 07CR41, 07CT41, 07KR 51 SDD2, 07KR51, 07KT51, 86AR230, 86AR24, 86AT24

**CS31 Series input modules, open type** Model(s) CP620#

**Demonstration Suitcase** Model(s) TA514-SAFETY

**Expansion modules** Model(s) 00-08XR, 00-16XT, 04-04XR, 08-00XA, 08XC, 16-00-X, ICMK14F1, ICMK14N1, XC08L1, XD8, XE08B5, XI16E1, XK08F1, XM06B5, XO08R1, XO08R2, XO08Y1, XO16N1, XTC08

**Human machine interfaces** Model(s) CP410 M, CP415 M, CP420 B, CP430 B, CP430 BP, CP430 BP-ETH, CP430 T, CP430 T-ETH, CP435 T, CP435 T-ETH, CP440 C-ETH, CP450 T, CP450 T-ETH

**Open type, Programmable controllers** Model(s) 07AC91-AD, 07AC91-AD2, 07AI91-AD, 07DC91-AD, DC501-CS31-AD, 07KT94-ARC-AD, 07KT98-ARC-AD, 07KT98-ARC-DP-AD, 07KT98-ARC-ETH-AD, 07KT98-ETH-DP-AD

DO524, FM502-CMS, PM566-TP-ETH, TF501, TF521

**Panel PC** Model(s) CP604, CP607, CP610

**Programmable controllers** Model(s) CP620-#-WEB, CP630#, CP630-#-WEB, CP635#, CP635-#-WEB, CP650#, CP650-#-WEB

CP651 #, CP651-#-WEB, CP661 #, CP661-#-WEB, CP665 #, CP665-#-WEB, CP676 #, CP676-#-WEB

CP660#, CP660-#-WEB, CP675#, CP675-#-WEB

**S500 Series expansion modules** Model(s) AI511, AI512, AX511, DC511, DI511, DO511, DX511

**S500 Series extension boxes** Model(s) AX501, DI501, DO501

**Systron R.I.O. and S500 Series accessories** Model(s) Bus screw, Bus spring, Expansion analog screw, Expansion analog spring, Expansion screw, Expansion spring, Potential bar screw, Potential bar spring, Voltage terminal rail

**Systron R.I.O. Series bus modules** Model(s) CAN open 8DI 8DO, CS31 16DI 8DC 8DO, Devicenet 8DI 8DO, Interbu 8DI 8DO, P rofibus DP 8DI 8DO, WorldFIP 8DI 8DO

**Systron R.I.O. Series expansion modules** Model(s) 16DI, 16DI 8DC 8DO, 16DO, 4AI, 4AI 4AO, 8AI, 8DI 8DO

**Systron R.I.O. Series extension boxes** Model(s) 128 kB Flash, 3AI 1AO, 4DI, 8DO, RS232

#### **Investigated to UL 61010-1, UL 61010-2-201**

**Open type, Programmable controllers** Model(s) PM591-2ETH, TB523-2ETH

# - May have other prefixes and/or suffixes that consist of numbers or letter.

(a) - For use with basic units 07 KR 91, 07 KT 92, 07 KT 93, 07 KT 94, 07 KT 95, 07 KT 96 or 07 KT 97 or 07 KT 98.

\* - May be provided with letters A to Z to denote software changes.

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