

System description

ABB Procontic T300

Multiprocessor Control System

General Part

Order number
GATS 1315 01 R2002 part 1
replaces
Publication number
D AT 1679 87 E

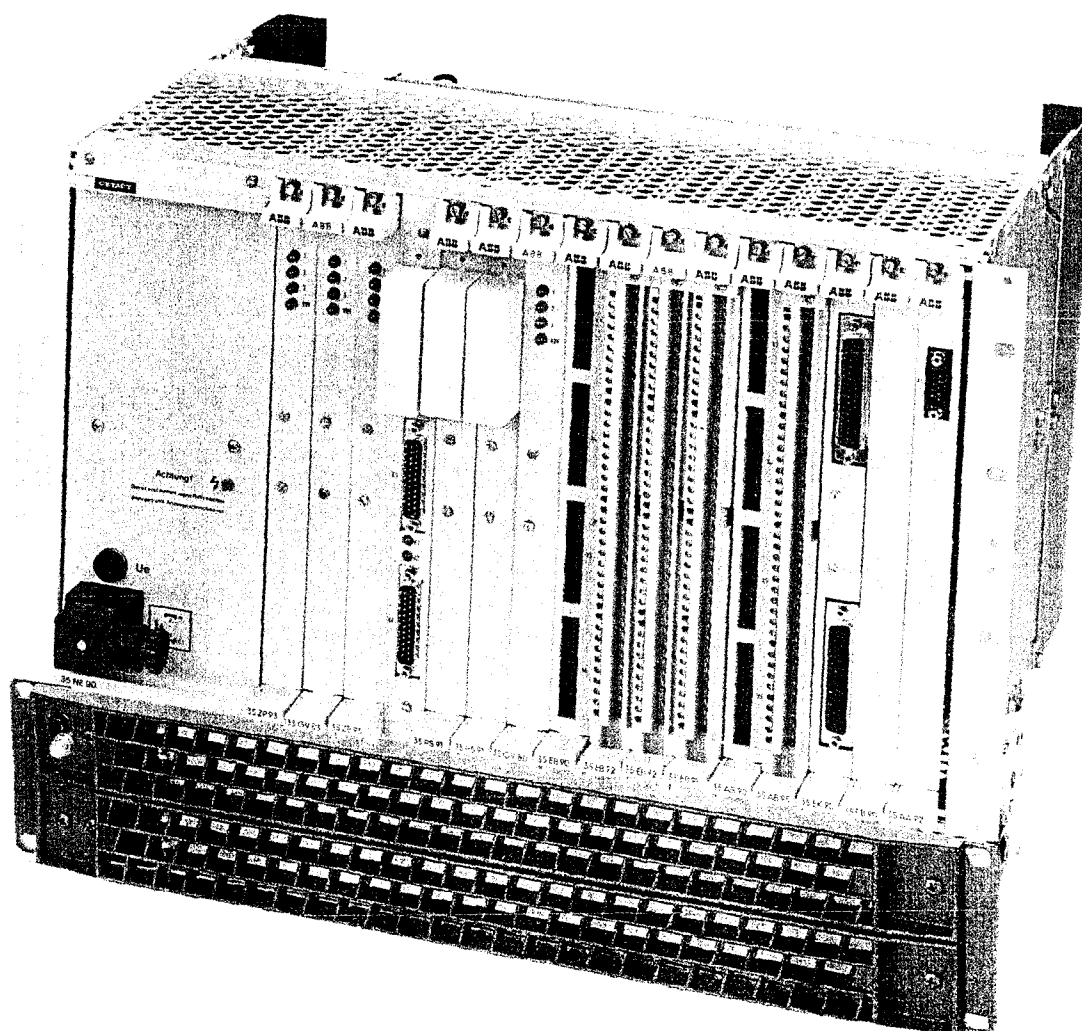


ABB Schalt- und Steuerungstechnik GmbH

ABB
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Binary output units

Type	Description	Order Number
35 AB 90 R1	Binary output unit, 24 V DC, isolated, 64-fold	GJR5132200R1
07 LM 61 R1	Lamp driver level, 24 V DC/120 mA, short-circuit-proof, with LED, 8-fold	GJR5210900R1
07 AM 62 R2	Reed relay switch level, 60 V DC/100 mA, with LED, 8-fold	GJR5214500R2
07 SK 90 R3	Ribbon cable for für 07 LM 61 R1 or 07 AM 62 R2, Socket connector with 34 poles and 2 x 16 poles, 1.5 m	GJR5135000R3
07 TM 61 R1	Transistor switch level, 24 V DC/2 A, with LED, 4-fold	GJR5211100R1
07 RM 61 R1	Relay switch level 220 V AC/4 A, with LED 4-fold	GJR5211000R1
35 SK 91 R3	Ribbon cable for 07 TM 61 R1 or 07 RM 61 R1, Socket connector with 32 poles and 4 x 8-poles, 1.5 m	GJR5135100R3
35 AB 94 R1	Binary output unit, 24 V DC/100 mA, with LED, not isolated, 32-fold	GJR5142800R1
35 AB 95 R1	Binary output unit, 24 V DC/0,5 A, with LED, isolated, total load 8 A, 32-fold	GJR5145600R1
35 AB 96 R1	Binary output unit, 250 V AC and/or DC/2 A, with LED, isolated, 4 changeover contacts, 12 make contacts, 16-fold	GJR5142900R1
35 AB 97 R2	Binary output unit, 24 V DC/2 A, with LED, isolated, total load 8 A, 16-fold	GJR5145700R2

Analog output units

Type	Description	Order Number
35 AA 92 R2	Analog output unit ± 10 V, 16 bit resolution, 4-fold	GJR5143000R2

Communication units

Type	Description	Order Number
35 KP 91 R101	Communication processor for the connection to the Master via an EXCOM interface, 2 serial interfaces	GJR5146100R101
35 KP 92 R101	Communication processor for the connection to a VERITRON converter PAD type, 2 serial interfaces	GJR5146400R101

Area bus coupling units for the ABB field bus ZB10

Type	Description	Order Number
35 ZB 91 R1	ABB Procontic T300 – ABB field bus ZB10 coupler	GJR5143500R1

System cables

Type	Description	Order Number
35 SK 93 R1	Connecting cable for the serial interface RS422, 25-polar socket – 25-polar socket, 5m	GJR5135400R1
35 SK 93 R11	Extension cable for the serial interface RS422 (35 SK 93 R1),	GJR5135400R11
35 SK 94 R2	Connecting cable for V24 interface RS232 for 07 PC 31/07 PC 32 with 35 DS 90, 35 DS 91 35 ZE 93 and 07 ZV 86 as well as 35 BS 95 with 07 ZV 86, 25-polar socket – 25-polar socket, 5m	GJR2370500R2
35 SK 95 R1	Extension cable for the V24 interface RS232 (35 SK 94 R1), 0.25 m	GJR2371000R1
35 SK 97 R1	Connecting cable for the V24 interface RS232 for 07 PC 32/07 PH 31 with 35 DS 90, 35 DS 91 and 35 ZE 93, 9-polar socket – 25-polar socket, 3m	

Service aid units

Type	Description	Order Number
35 SH 90 R1	Bus extension card for separating and measuring all bus lines	GJR5136700R1
35 SH 91 R1	Bus display for displaying the status of the addresses, data and controlled signals on the multiprocessor-based control bus	GJR5136500R1
35 SH 94 R1	Axis simulator, for the simulation of the automatic control unit, the motor and the actual value pulse generator	GJR3074201R1

Accessories

Type	Description	Order Number
35 ST 90 R1	Front connector for I/O-units	GJR5144900R1
35 SB 90	Label for the front connector with 9 insert strips and 9 sticky strips each for the units	
35 SB 90 R1	35 EB 91 R1	GJR5144600R1
35 SB 90 R2	35 EB 91 R2	GJR5144600R2
35 SB 90 R3	35 EB 92 R1	GJR5144600R3
35 SB 90 R4	35 EB 92 R2	GJR5144600R4
35 SB 90 R5	35 AB 94 R1	GJR5144600R5
35 SB 90 R6	35 AB 95 R1	GJR5144600R6
35 SB 90 R7	35 AB 96 R1	GJR5144600R7
35 SB 90 R8	35 AB 97 R1	GJR5144600R8
35 BA 60 R1	Blanking cover for 1 slot	GJV5135200R1
07 LB 20 R1	Spare lithium battery	GJR5223500R1
35 LE 90 R1	Lithium battery modules	GJR5146300R1

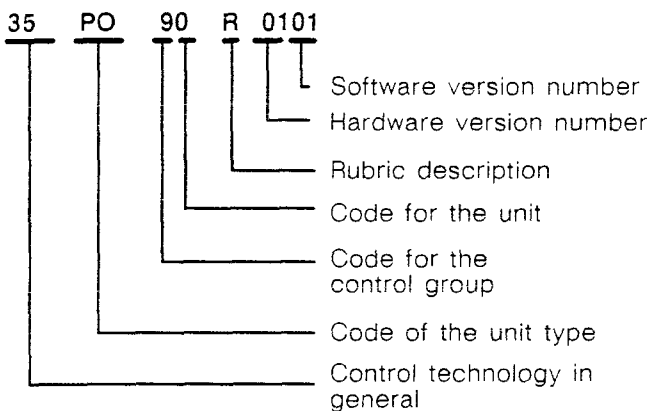
4 Information on Ordering

General ABB Procontic description system

A unit or a component is described functionally by the type description in the control system ABB Procontic T300. The development consultation is carried out using the order number. ABB Procontic units are described in accordance with the following rules:

a) Type description

Example:



Note: The preceding zeroes of the hardware or software version numbers can be omitted, e.g., 35 PO 90 R101 and 35 PO 60 R0101 or 35 EK 90 R1 and 35 EK 90 R0001 are the same. The shorter form is preferred.

Codes of the unit types

GS	Subrack
NE	Power-supply unit
EK	Level coupler
SK	System cable
ZP	Central processor
DS	Data interface
PS	Memory unit
ZE	Central unit
IR	Industrial computer
KI	Camera interface
IV	Iconic processor
AE	Axis card
PO	Positioning unit
EB	Binary input unit
TP	Carrier board
EA	Analog input unit
AB	Binary output unit
AA	Analog output unit
KP	Communication processor
ZB	ABB field bus coupler
SH	Service aid units
FB	Blanking cover
ST	Front connector

b) Order number

Example: GJV3074301R1

Units, which are similar to a large extent but are not completely identical, are distinguished by the rubric description with the hardware and software version numbers. The rubric data in the type description and in the order number are the same.

c) Order data

The order data must include the **complete type descriptions and order numbers** in order to guarantee a perfect supply.