The assembly kit is usable since operating system BS41q/51q V7.0-7.

Wiring of the assembly kit connections
Wirings to be done by the user (refer to "Wiring of the assembly kit, diagram"):

Supply 24 V DC

Connection	Wire and connection	Fusing	Use
XG.21/22/23:2 (L+)	rt 2,5 mm^2, Faston 6,3 x 0,8	max. 16 A gL	PS1 ... PS3
XG.21/22/23:1 (L-)	sw 2,5 mm^2, Faston 6,3 x 0,8		Reference pole

Output 5 V=

Connection	Wire and connection	Use
XG.2: +5 V	ge 2 x 2,5 mm^2, Faston 6,3 x 0,8	Supply I/O rack (B 9302)
XG.3: GND	gn 2 x 2,5 mm^2, Faston 6,3 x 0,8	Supply I/O rack (B 9302)

Output 24 V=

Connection	Wire and connection	Use
XG.24:2 (L+)	rt 1,5 mm^2, Faston 6,3x0,8	Supply fuse monitoring and IO-CON in the I/O rack
XG.25:2 (L+)	rt 1,5 mm^2, Faston 6,3x0,8	Supply fuse monitoring and IO-CON in I/O rack for the 2nd I/O bus (B 5233-2 only)

Output of the WD

Connection	Wire and connection	Use
XG.1:2 (4) und :6(8)	gr 0,5 mm^2, wire end ferrule	WD to I/O bus (B 5233-1)
XG.1:2(4) XG.1:6(8)	gr 0,5 mm^2, wire end ferrule gr 0,5 mm^2, wire end ferrule	WD to 1st I/O bus (B 5233-2)) WD to 2nd I/O bus (B 5233-2) (Refer to "Wiring WD, diagram")

Connection of the monitoring loop (for fuses and fan)

Connection	Wire and connection	Fusing	Use
XG.26:4/5/6	gr 0,5 mm^2, Faston 2,8 x 0,8	max. 4 A T	Floating NO/NC contact for signalling

I/O bus, B 5233-1

Connection	Procedure
XD.1 to XD.2	Connect together with BV 7032
XD.4	Remove F 7546 and plug it on XD.2 of the last I/O rack Connect BV 7032 and plug it on XD.1 1st I/O rack

I/O bus, B 5233-2

Connection	Procedure
XD.3 and XD.4	Remove F 7546 and plug it on XD.2 of the last I/O rack of both I/O buses
XD.4	Connect BV 7032 and plug it on XD.1 of the 1st I/O rack in the 1st I/O bus
XD.3	Connect BV 7032 and plug it on XD.1 of the 1st I/O rack in the 2nd I/O bus