Cable list

Cable designation	Intended areas for cable routing																		Description	Fastening hardware		
	Lift 1						Lift 2						Lift n									
	Side panels, left		base				Side panels, left		base				Side panels, left		base					2.5x98 mm (0.098"x 3.858")	4.5x160 mm (0.177"x 0.6299")	
	5	6	20	21	24	25	5	6	20	21	24	25	5	6	20	24	25	26				
X1.0:S3			x	x															Service door switch for left service door	2	-	-
X1.0:S30						x					x					x		x	Service door switch for right service door (if present)	2	-	-
X1.0:Q2U	x		x				x		x				x		x				Connecting cable for main switch undervoltage trip	-	-	-
LL_X1:LL_X1			x		x				x		x				x	x			Connecting cable for undervoltage trip from lift to lift	-	-	-
LL_GSC:LL_GSC						x					x	x				x	x		GSC multipoint connection from lift to lift	-	-	-

Cable routing areas
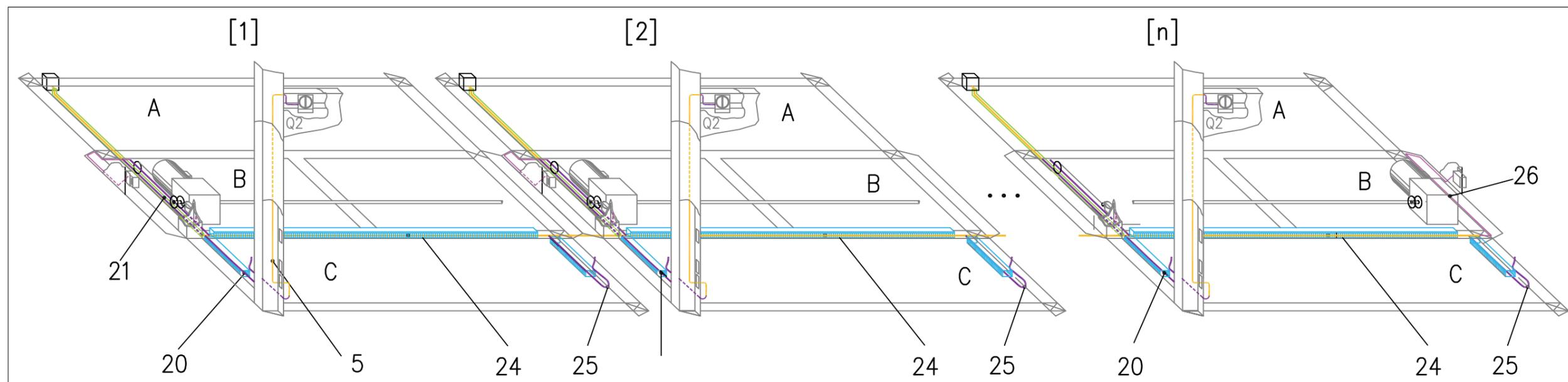
Fig.1: Cable routing area

Item	Description
5	Left cover strip in front of rectangular tube
20	Main frame, left cross-tie in cable duct 60x40 mm (2.362" x 1.575")
21	Main frame, left cross-tie
24	Main frame, front cross-member in cable duct 60x40 mm (2.362" x 1.575")
25	Main frame, right cross-tie in cable duct 60x40 mm (2.362" x 1.575")
26	Main frame, right cross-tie

Item	Description
[1]	Lift 1
[2]	Lift 2
[n]	Lift n
A	Rear storage area
B	Drive shaft
C	Front storage area

Caution:
Notes for routing multi-point connections
• When routing the cables, use the shortest route between the access points.
• Do not route the cables in the vicinity of high-voltage cables.
• The sequence in which access points are connected is not important.
• Attach the plug connections in an easily accessible place, either in the wiring cabinet or in the electrical tray of the access point. At the last control system, plug a terminator at the available plug.

**Routing example for multipoint connecting cable**
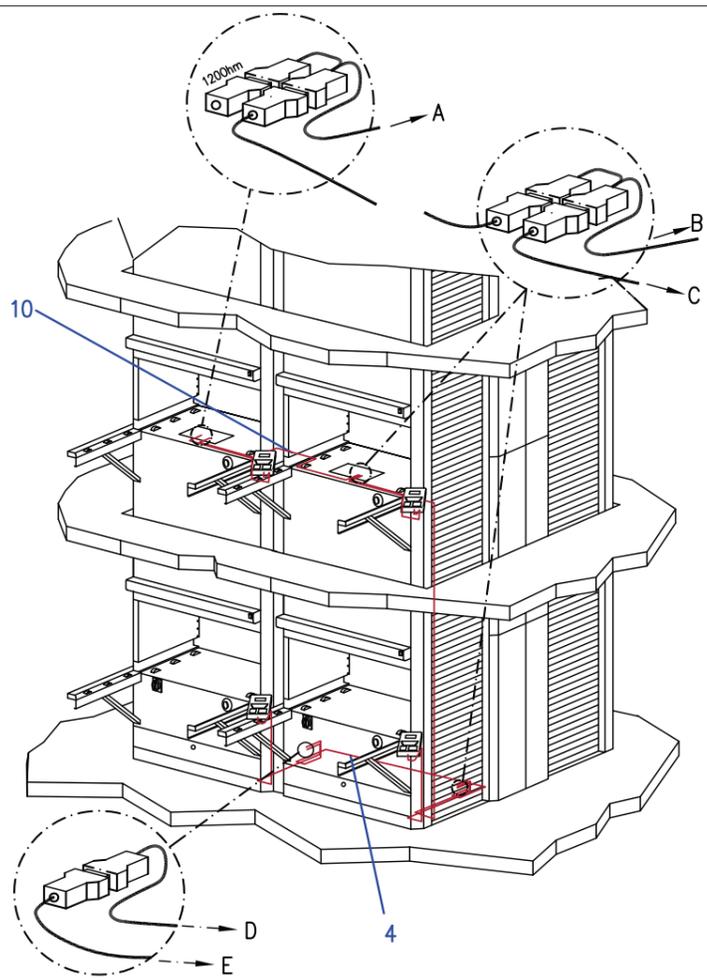
Fig.2: Cable routing area, base with ribbon cable

Connection for multipoint connecting cable
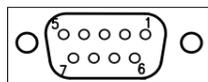
Fig.3: DB9 jack for connecting multipoint connecting cable

PIN	Assignment
Pin 2	A
Pin 3	B
Pin 7	GND

Connection	Description

-->A   Connection of CPU II from access point via multipoint connecting cable with 2 jacks (without connection for shielding)

-->B   Connection of CPU II from access point

-->C   Connection to additional control system

-->D   Connection of CPU II from access point at 1st lift in multi-unit network via multipoint connecting cable to 1 jack (with terminator and connection for shielding)

-->E   Connection to second control system

For the lowest access point, route the multi-point connection in the cable duct on the lower frame through the extractor shaft.
(Cable routing area 4)

For access points installed at a higher point:
Route cable through the Ø 40 mm (1.575") cable bushings from the access point to the other access point.
(Cable routing area 10)

			Datum	02.10.06			
			Bearb.				
b	Anschluss DB9 hinzu	29.09.08	rep				
a	In OO übertragen	02.10.06	svh				
Zust.	Änderung	Datum	Name	Norm		Urpr.	Ers.f

HÄNEL

Installation Instructions

Cable Routing Diagram
Multiple Lifts in Multi-unit Networks