Introduction

1+n System
Cable Lengths and Cross Sections

Long Line

The table shows the maximum allowable cable length of a continuous line between the individual components of the 1+n system. If this line led about clamping points, the contact resistance of the contact point to reduce the maximum cable length.

Attention : Particularly in video and door-opener - supply to terminal points with low transition resistance!

Specified cable

For a new installation, we recommend the use of telecommunication cables of the type CAT-6

Maximum cable lengths

Strand	between	and	Copper wire - diameter
Audio cord	Door Station	Home Phone (HAT) or video-house telephone (VMO)	
Video cord	Door Station	Video-house telephone (VMO)	
Video Supply	Door Station	VRR-602 NGV-840	
Door Lock Releaser	Door Station	Door Lock Releaser	

Mains connection

For connection to the mains supply 230 VAC/50 Hz

Power supply shall be via a circuit-breaker (10-16A) made

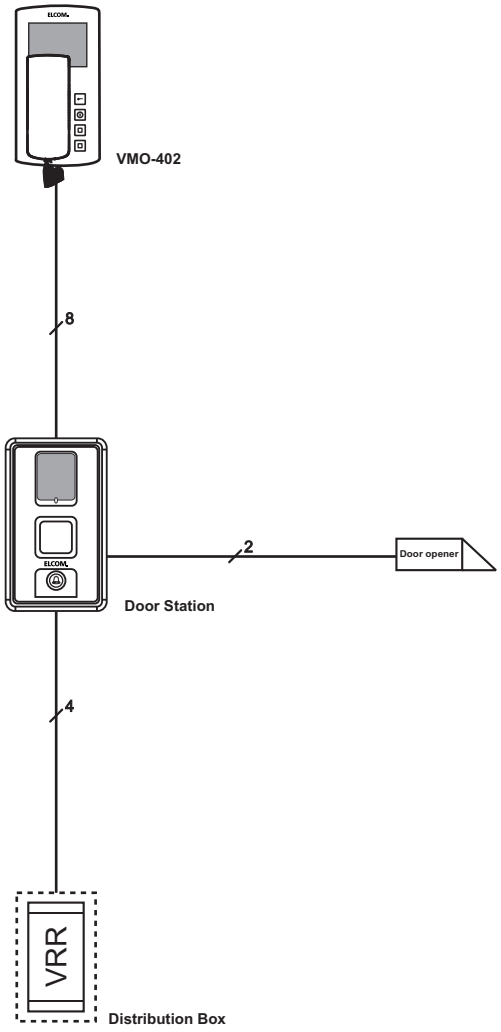
Note: We recommend installation of the system by qualified electrician / Installer.

Single Door Station

Single Phone

PLANNING

Document: P-1A-01 | Date: 23.09.2011



Cable use is standard CAT6
All Distribution Box will need 230 V AC

ELCOM.

Single Door Station

Multiple Phones

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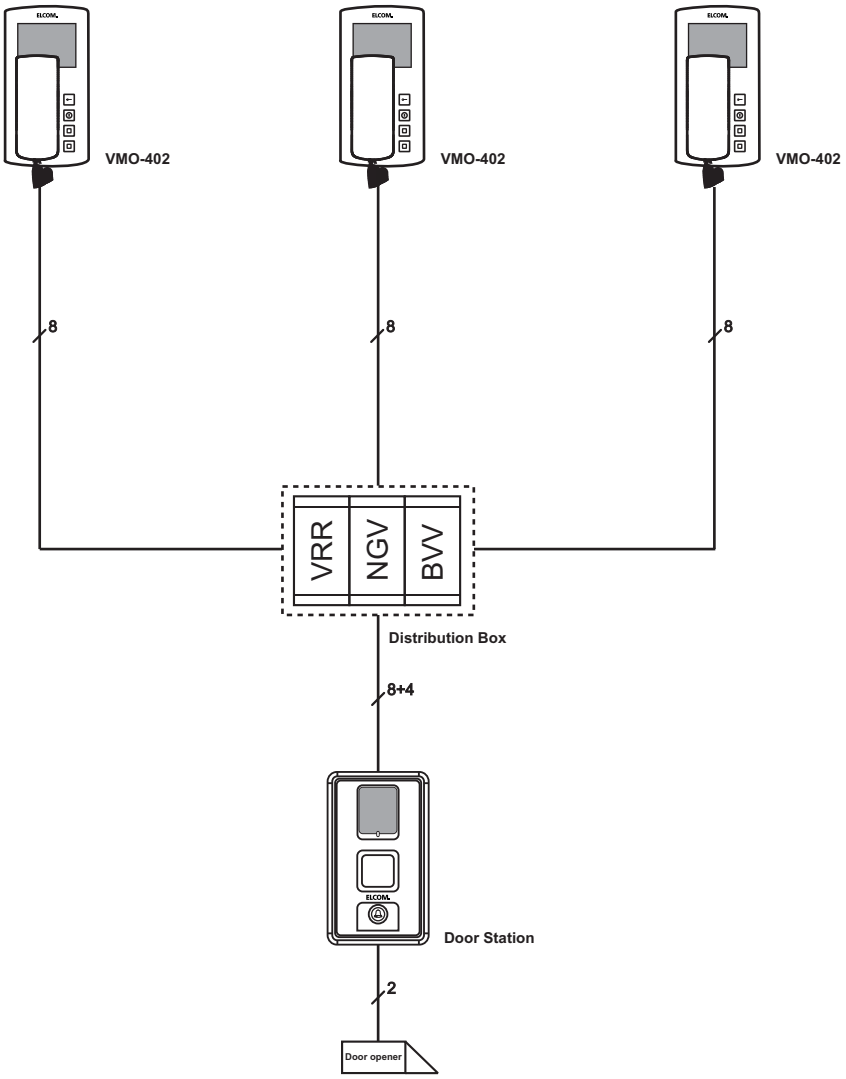
Document: P-1A-02 | Date: 23.09.2011



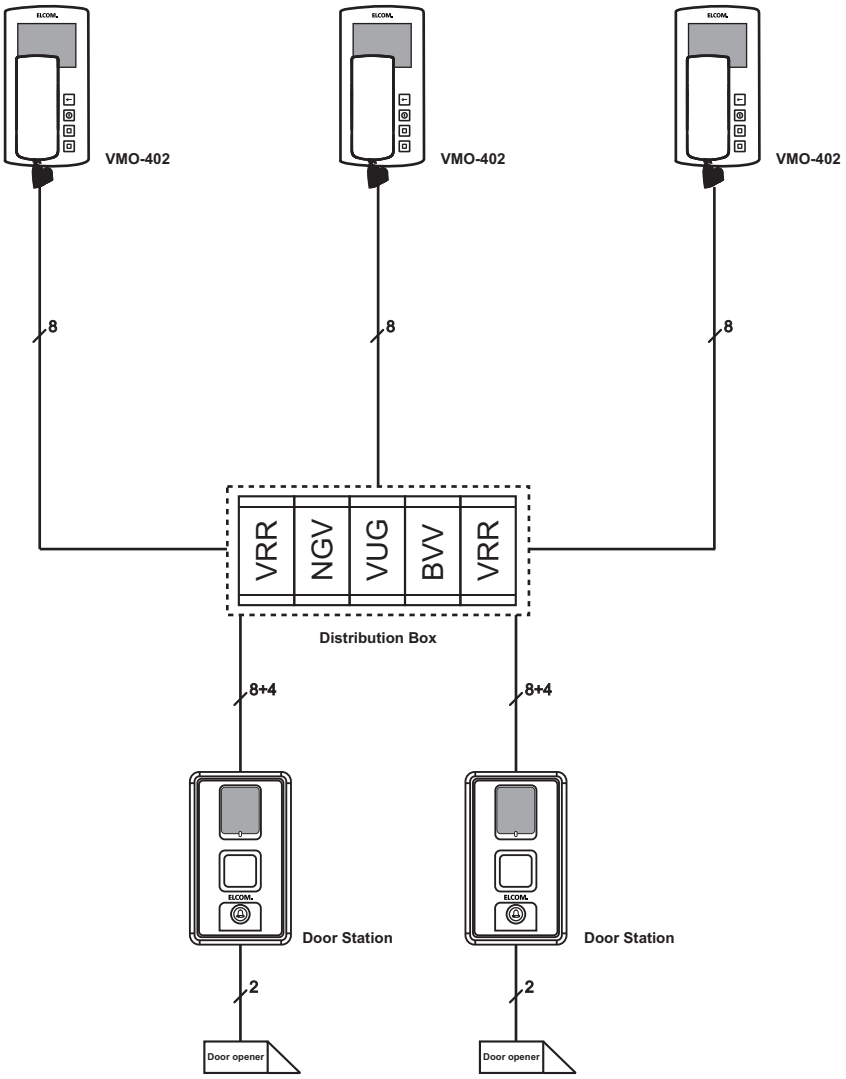
Cable use is standard CAT6
All Distribution Box will need 230 V AC

Single Multiple Door Stations

Multiple Phones

PLANNING

Document: P-2A-03 | Date: 23.09.2011



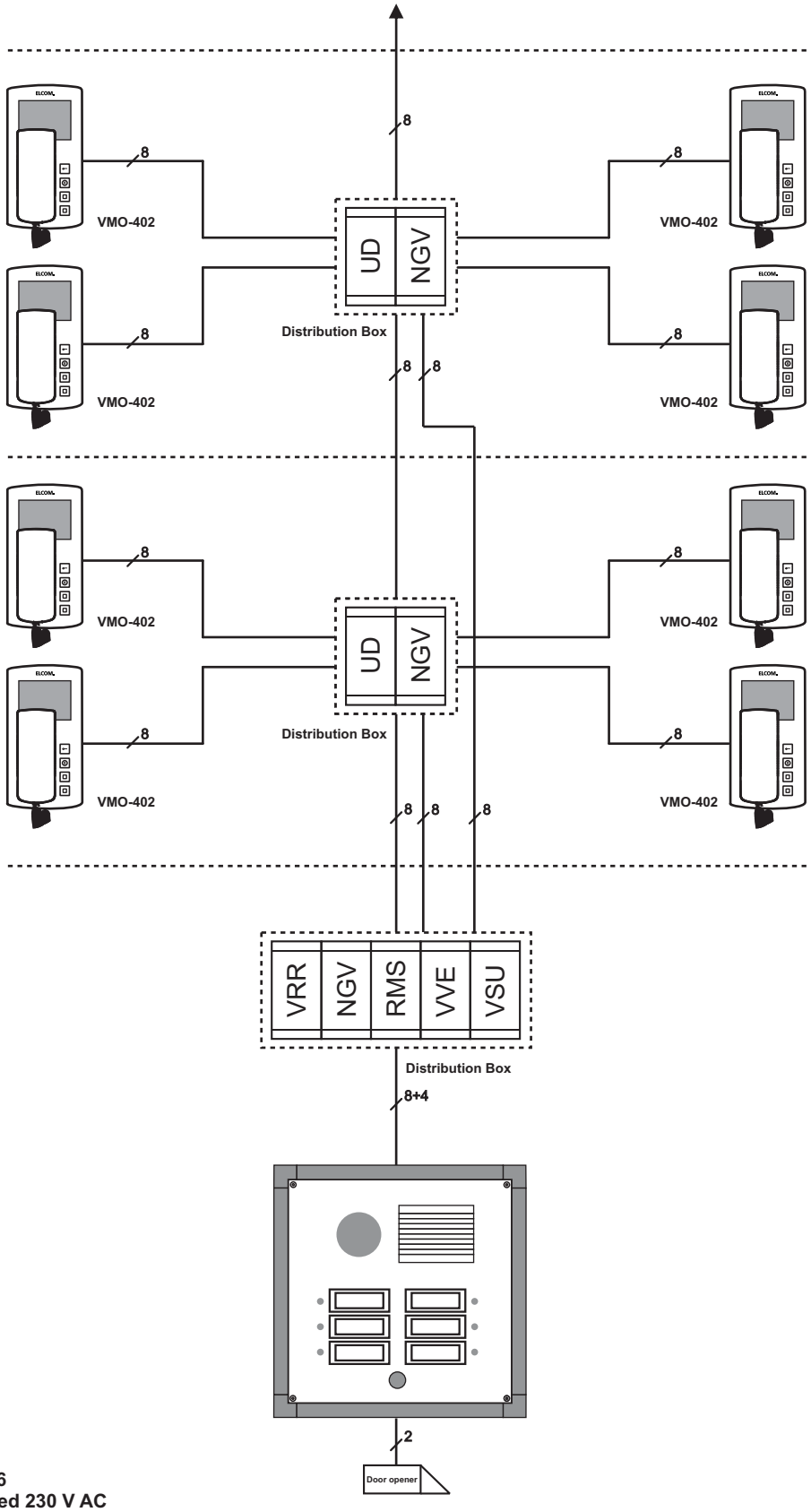
Cable use is standard CAT6
All Distribution Box will need 230 V AC

Multi-Apart System

Analogue Door Station - Multiple Phones

PLANNING

Document: P-1A-04 | Date: 23.09.2011



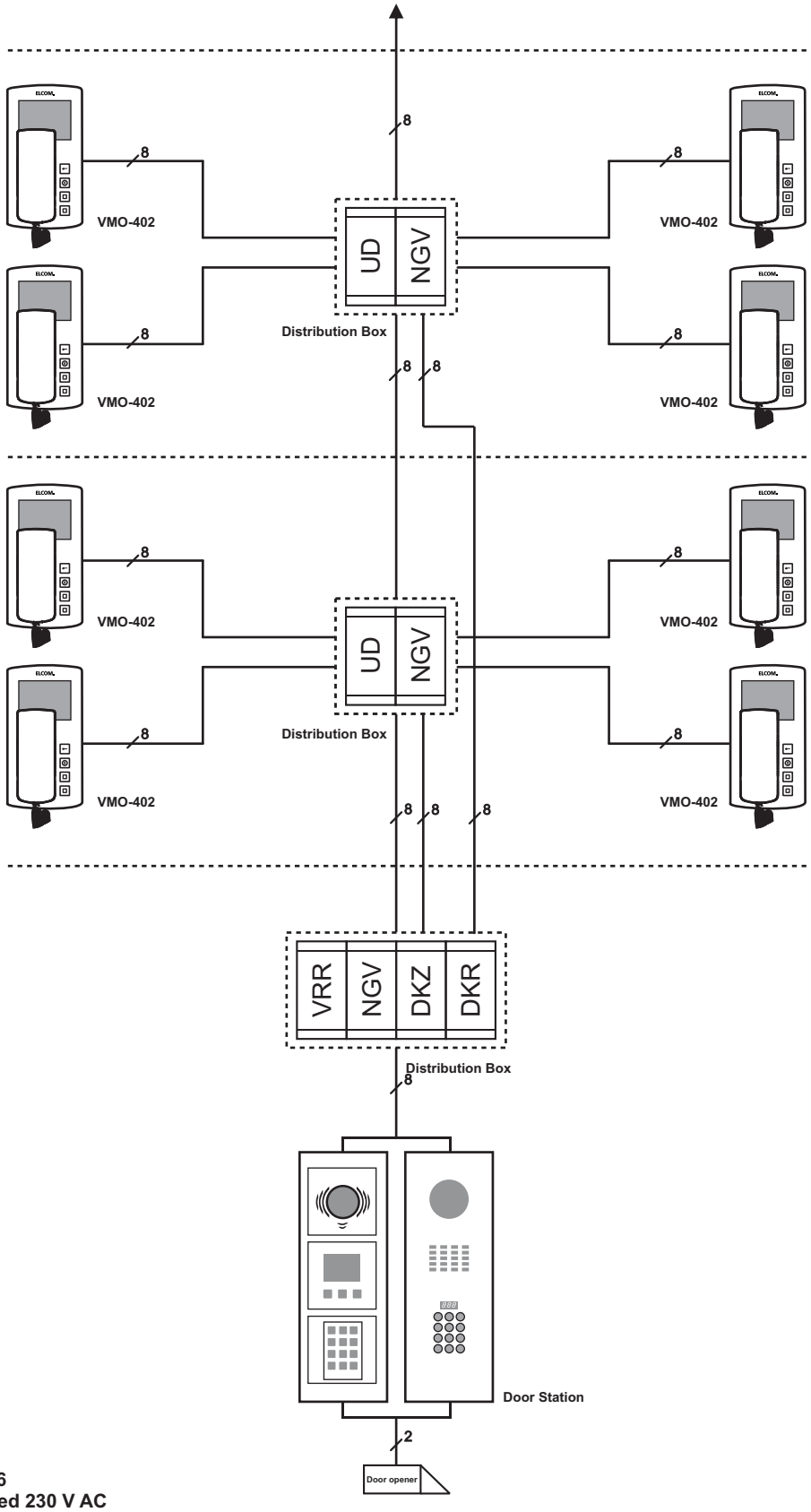
Cable use is standard CAT6
All Distribution Box will need 230 V AC

Multi-Apart System

Digital Door Station with VMO-402

PLANNING

Document: P-1D-05 | Date: 23.09.2011



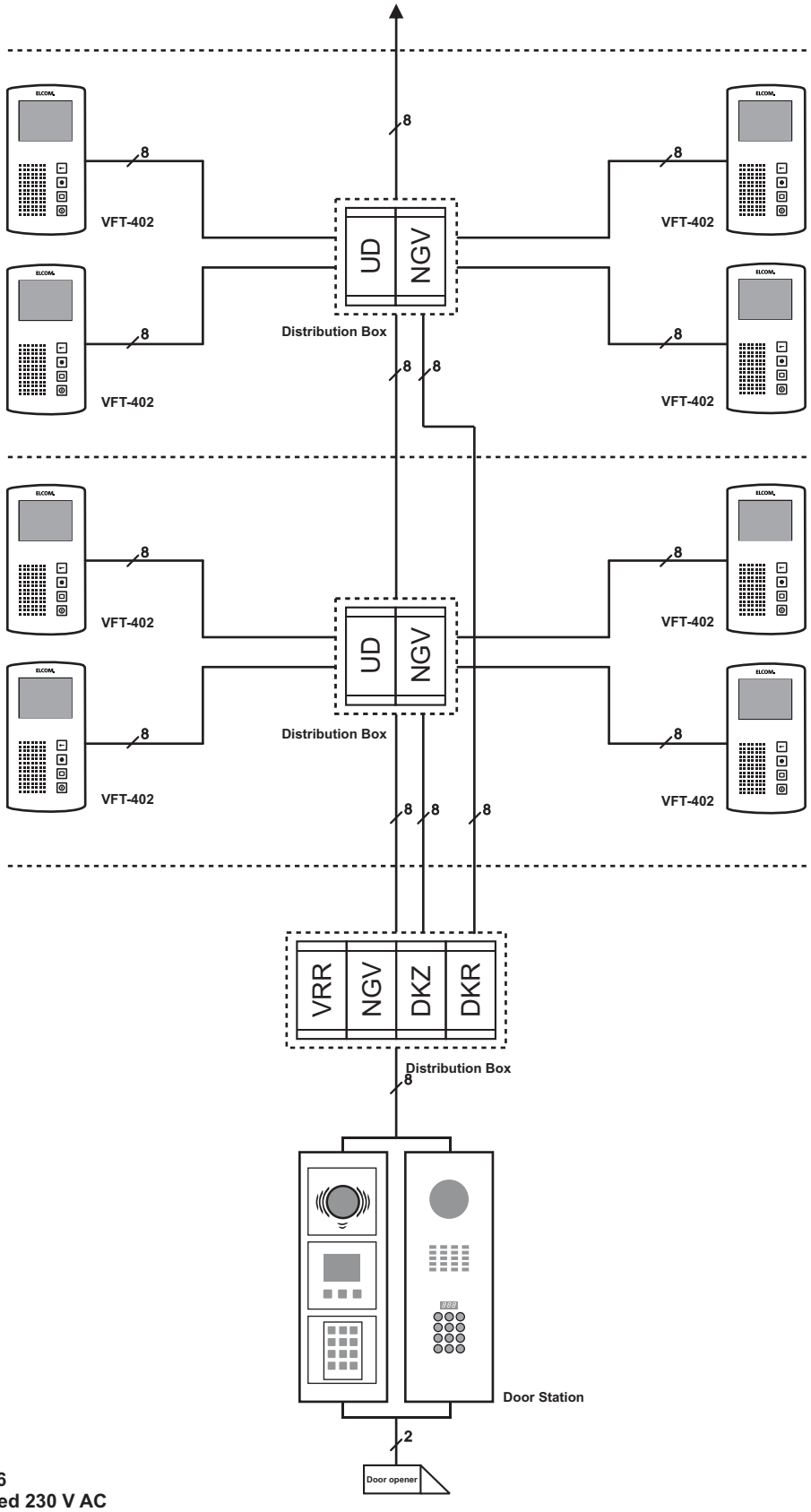
Cable use is standard CAT6
All Distribution Box will need 230 V AC

Multi-Apart System

Digital Door Station with VFT-402

PLANNING

Document: P-1D-06 | Date: 23.09.2011



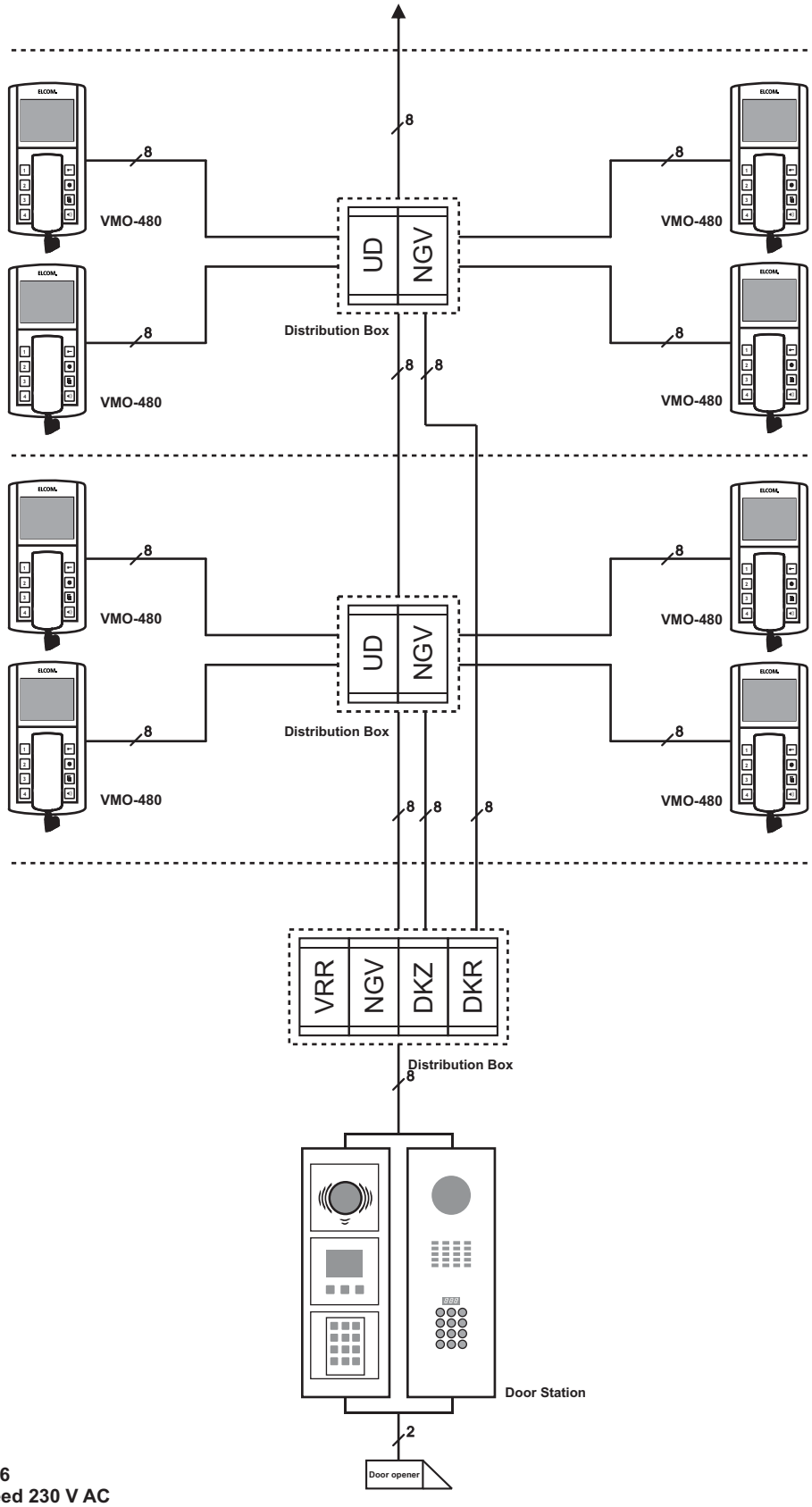
Cable use is standard CAT6
All Distribution Box will need 230 V AC

Multi-Apart System

Digital Door Station with VMO-480

PLANNING

Document: P-1D-07 | Date: 23.09.2011



Cable use is standard CAT6
All Distribution Box will need 230 V AC