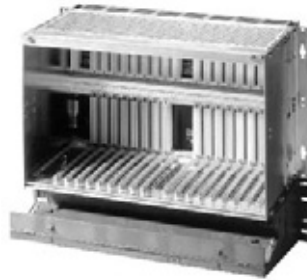# SIMATIC S5-135U, S5-155U/H
Central controllers/Expansion units

155H central controller

Application

The ZG155H central controller is suitable for building a complete S5–155H programmable controller in a module subrack.

Design

The central controller 155H is a module subrack divided into two halves. It has
- 10 slots (left half)
- 11 slots (right half)

Of these slots two each are used for the power supply, two for the CPU and one for the IM 324R/IM 304.

Five (left half) or six (right half) free slots are therefore available.

The 155H is supplied with two 24V DC; 5V,14A power supplies and a fan subassembly.

One or two backup batteries per power supply can also be ordered to back up the CPU (redundant backup).

Possible configurations of S5-155H (redundant configuration)

Pay attention to the number of slots required!

Slot	3	11	19	27	35	43	51	59	67	75	83	91	99	107	115	123	131	139	147	155	163
Power supplies	■	■									■	■		■							
CPU 948R/RL			■	■									■	■							
Communications processor						■	■	■								■	■	■	■	■	■
Signal preprocessing modules						■	■	■								■	■	■	■	■	■
Interface modules IM 304, IM 324 R					■	■								■							
Interface module IM 304								■											■	■	
Interface module IM 308						■										■					
Digital inputs/outputs						■	■	■	■	■						■	■	■	■	■	■
Analog inputs/outputs						■	■	■	■	■						■	■	■	■	■	■

Ordering data	Order No.		Order No.
155H central controller without CPU; without backup battery, with two power supplies 24 V DC; 5 V/14 A	**6ES5 188-3UH31**	To be ordered as a separate item: **S5-155H manual** (with description of the 155H)	see Page 4/155
Backup battery	**6ES7 971-0BA00**	**Other manuals**	see Page 4/155
		Accessories, parts	see Page 4/155