

Quadro 5 distribution board system (IP55)



FM208



FM108 / 208



FM429



FM569

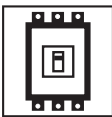
Quadro 5 accepts equipment kits for the assembly of devices and power distribution up to 630A. Quadro 5 floor standing distribution board system, requires:

- 1) main frame (high 2010mm / wide 450-700-900mm / deep 260-400mm)
- 2) side plates (left and right)
- 3) door (plain or transparent) hinged from left or right
- 4) required front covers and assembly rails
 - for miniature circuit breakers and modular devices
 - moulded case circuit breakers

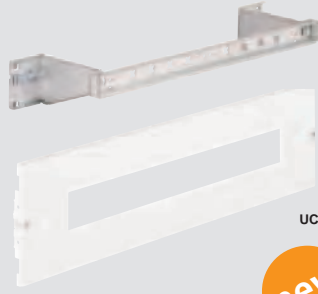




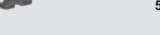





The system offers a sophisticated aesthetically pleasing protected (IP55 with door) enclosure which can be attached side-by-side to one another horizontally to satisfy most distribution board requirements.

- class of protection:
 - IP30, IK 08 without door to EN60529
 - IP55, IK 10 with door to EN60529
 - indirect contacts class 1,
- normal insulation voltage: $U_i = 690V\sim$
- short circuit current rating: 35kA
- colour: RAL9010, plinth (150mm) is in RAL7042 (grey)

type	description	dimensions H x W x D	price
Height 2010mm (1800mm interior equipment height)			
• suitable for 12 rows (10/24 way) 150mm high or 9 rows 200mm high			
Depth 260mm (back/top plate/plinth)			
FM109	upright basic frame (narrow)	2010 x 450 x 260	
FM209	upright basic frame (standard)	2010 x 700 x 260	
FM309*	upright basic frame (wide) with cable compart.	2010 x 900 x 260	
* requires cable compartment kit FM429 (below)			
• comprising: back support plate / pillar for front plate / full front plate			
FM429	cable compartment kit for (wide)	FM309 2010 x 200 x 260	
Depth 400mm (requires functional upright kit FM479 for mounting modular devices)			
FM119	upright basic frame (narrow)	2010 x 450 x 400	
FM219*(1)	upright basic frame (standard)	2010 x 700 x 400	
FM319*(1/2)	upright basic frame (wide)	2010 x 900 x 400	
*(1) requires functional upright kit FM479			
*(2) requires cable compartment kit FM429 (below)			
FM439	cable compartment kit for (wide)	FM319 2010 x 200 x 400	
comprising: back support plate / pillar for front plate / full front plate			
FM479	functional upright kit for	FM219/319 2010	
to bring devices forward in 400mm deep enclosure			
Side panels (set of 2 panels) for right and left sides			
FM409	pair of side panels for 260mm deep enclosures	2010 x 260	
FM419	pair of side panels for 400mm deep enclosures	2010 x 400	
Doors (hinged from right or left)			
FM519	plain sheet metal hinged door for	FM109/119 2010 x 450	
FM539	plain sheet metal hinged door for	FM209/219 2010 x 700	
FM559	plain sheet metal hinged door for	FM309/319 2010 x 900	
FM549	transparent metal hinged door for	FM209/219 2010 x 700	
FM569	transparent metal hinged door for	FM309/319 2010 x 900	



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	type	description	dimensions H x W	price	
Equipment kits for modular devices					
• includes mounting brackets, DIN rail and modular front cover					
For narrow boards FM109/119 (450mm wide)					
 UC201 	UC200	distribution front cover (10 x modular devices)	150 x 250		
	UC010H	main device front cover for MCCBs 16-160A	300 x 250		
	UC020H	main device front cover for MCCBs 250A	300 x 250		
	UC140H	main device front cover for MCCBs 400/630A	400 x 250		
	UC224	plain front cover 300mm for FM109/119	300 x 250		
	UC225	plain front cover 400mm for FM109/119	400 x 250		
UC226	plain front cover 600mm for FM109/119	600 x 250			
For standard and wide boards FM209/309/219/319 (700/900mm wide)					
 UC830 	UC201	distribution front cover (24 x modular devices)	150 x 500		
	UC205	distribution front cover (24 x modular devices)	200 x 500		
	UC011H	main device front cover for MCCBs 16-160A	300 x 500		
	UC021H	main device front cover for MCCBs 250A	300 x 500		
	UC141H	main device front cover for MCCBs 400/630A	400 x 500		
	UC050H	main device front cover for MCCBs 800/1000A	600 x 500		
	UC231	plain front cover 50mm for FM209/219/309/319	50 x 500		
	UC239	plain front cover 100mm for FM209/219/309/319	100 x 500		
	UC232	plain front cover 150mm for FM209/219/309/319	150 x 500		
	UC233	plain front cover 200mm for FM209/219/309/319	200 x 500		
 50280410	UC234	plain front cover 300mm for FM209/219/309/319	300 x 500		
	UC235	plain front cover 400mm for FM209/219/309/319	400 x 500		
	UC236	plain front cover 600mm for FM209/219/309/319	600 x 500		
	UC951	adjustable DIN rail for terminals (inclinable 20°)			
	Chassis plates (plain) for standard boards (700/900mm wide)				
	 50280410	FM483	plain chassis plates for FM207/219/319	200 x 500	
FM484		plain chassis plates for FM207/219/319	300 x 500		
FM485		plain chassis plates for FM207/219/319	400 x 500		
FM486		plain chassis plates for FM207/219/319	600 x 500		
Busbar supports					
 FM635	UC830	250A 4 pole side mount stepped busbar support (ea) side vertical mounting 250A (simply clips onto vertical profile) - supports 4 x staged bars 20 x 5mm 250A 35kA			
	5028 0410	250A 4 pole horizontal mount stepped busbar support (ea) horizontal mounting 250A (bolts onto vertical profile) - supports 4 x staged bars 20-32 x 5mm 250A 35kA			
 FM640	01485	630A 4 pole horizontal/vertical mount flat busbar support (ea) flat bar support 160 - 630A (requires brackets UC811/UC812 to mount) - supports 4 x flat bars 15-30mm x 5(or)10mm 630A 35kA			
	UC811	support bracket for 01485 supports (ea) - vertical mounting bars for (narrow) panel 450mm(w) - horizontal mounting bars for (narrow/standard) panels			
 UC990	UC812	support bracket for 01485 supports (ea) - vertical mounting bars for (standard) panel 700mm(w)			
	Accessories				
 UC915  FM653	FM635	horizontal joining kit (side by side mounting of frames)			
	FM640	wall mounting bracket (lugs) (2pcs)			
	FM653	screw in lifting ring set (2pcs)			
	UC268	hinged set for modular covers (hinged from left or right)			
	UC990	clip-in M6 cage nuts for base plate vertical profile			
	UC915	clip-in cable trunking support (60m vertical/40m horizontal)			
	UZ25V1	rail mount cable clamp / guide			
	JP002	blanking strip (24 modules wide) breakable sections			
	FZ516	replacement square 6 x 6mm key lock insert			
	JE003	spare transparent self-adhesive marking strips (24 way)			
	UC988	universal crossbars for mounting accessories (250mm wide)			
	UC289	universal crossbars for mounting accessories (500mm wide)			