

Relion 650 SERIES

Bay control REC650

Version 2.2

Product guide



Casing	Ordering no	#5	Notes and rules
1/2 x 19" rack casing, 1 TRM	1MRK000151-VA	A	
	Selection for position #5	A	

Mounting details with IP40 of protection from the front	Ordering no	#6	Notes and rules
No mounting kit included		X	
19" rack mounting kit for 1/2 x 19" case or 2xRHGS6 or RHGS12	1MRK002420-BB	A	
19" rack mounting kit for 3/4 x 19" case or 3xRHGS6	1MRK002420-BA	B	
19" rack mounting kit for 1/1 x 19" case	1MRK002420-CA	C	
Wall mounting kit	1MRK002420-DA	D	1)
Flush mounting kit	1MRK002420-PA	E	
Flush mounting kit + IP54 mounting seal	1MRK002420-NA	F	
	Selection for position #6		

1) Wall mounting not recommended with communication modules with fiber connection

Power supply modules	Ordering no	#7	Notes and rules
Compression terminals	1MRK002960-GA	C	
Ring lug terminals	1MRK002960-HA	R	
Power supply module, 24-60 V DC	1MRK002239-AB		A
Power supply module, 90-250 V DC	1MRK002239-BB		B
	Selection for position #7		

Human machine hardware interface	Ordering no	#8	Notes and rules
Medium size - graphic display, IEC symbols	1MRK000028-AA	B	
Medium size - graphic display, ANSI symbols	1MRK000028-AB	C	
Front with status LEDs, Ethernet port, IEC symbols	1MRK000031-AA	F	
Front with status LEDs, Ethernet port, ANSI symbols	1MRK000031-AB	G	
	Selection for position #8		

Analog system	Ordering no	#9	Notes and rules
Slot position (front view/rear view)		P40/X401	
No Transformer input module included		X0	1)
TRM 7I 1A + 5U 110/220V, 50/60Hz, compression terminals	1MRK002247-AP	A12	
TRM 7I 5A + 5U 110/220V, 50/60Hz, compression terminals	1MRK002247-AR	A13	
TRM 6I 5A + 1I 1A + 5U 110/220V, 50/60Hz, compression terminals	1MRK002247-AU	A14	
TRM 3I 5A + 4I 1A + 5U 110/220V, 50/60Hz, compression terminals	1MRK002247-AV	A15	
TRM 7I 1A + 5U 110/220V, 50/60Hz, ring lug terminals	1MRK002247-AS	B12	
TRM 7I 5A + 5U 110/220V, 50/60Hz, ring lug terminals	1MRK002247-AT	B13	
TRM 6I 5A + 1I 1A + 5U 110/220V, 50/60Hz, ring lug terminals	1MRK002247-AX	B14	
TRM 3I 5A + 4I 1A + 5U 110/220V, 50/60Hz, ring lug terminals	1MRK002247-AY	B15	
	Selection for position #9		

1) Only valid if IEC 61850-9-2 Process bus communication is selected.

Binary input/output modules	Ordering no	#10	Notes and rules
For pulse counting, for example kWh metering, the BIM with enhanced pulse counting capabilities must be used. Note: 1 BIM required in position P3 and 1 BOM always included in position P4.			
Slot position (front view/rear view)			1)
1/2 case with 1 TRM			
Compression terminals	1MRK002960-KA	C	
No board in slot			X
Binary output module, 24 output relays (BOM)	1MRK000614-AB		A A
BIM 16 inputs, RL24, 24-30VDC, 50mA	1MRK000508-DD	B1	B1
BIM 16 inputs, RL48, 48-60VDC, 50mA	1MRK000508-AD	C1	C1