




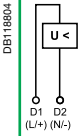

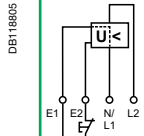



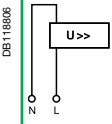
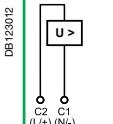
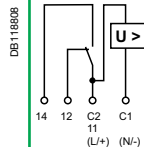


		Tripping						
Auxiliaries		iMN		iMNs		iMNx		
Type		Undervoltage release						
		Instantaneous		Delayed		Independent of the supply voltage		
								
Function		<ul style="list-style-type: none"> Trips the device with which it is combined when its input voltage decreases (between 70 % and 35 % U_n). Prevents device closing again until its input voltage is restored 		<ul style="list-style-type: none"> Not tripping on transient voltage dip (up to 0.2 s) 		<ul style="list-style-type: none"> Tripping of the associated device by opening of the control circuit (e.g. push-button, dry contact) A drop in the supply voltage does not trip the associated device A locking push-button control allows the circuit protected (e.g. machine control) to be placed in safety configuration 		
Wiring diagrams								
Use		<ul style="list-style-type: none"> Emergency stoppage by normally closed push button Ensures the safety of power supply circuits for several machines by preventing "uncontrolled" restarting 				<ul style="list-style-type: none"> Emergency stoppage with fail-safe principle Insensitive to control circuit voltage variation to increase service continuity Important: Before any servicing operation switch off the mains power supply (voltage presence at terminals E1/E2) 		
Catalogue numbers		A9A26960	A9A26961	A9A26959	A9A26963	A9A27108	A9A26969	A9A26971
iC60, iID, iDPN Vigi, RCA and ARA		■	■	■	■	■	■	■
Technical specifications								
Rated voltage (U _e)	V AC	220...240	48	115	220...240	24	220...240	380...415
	V DC	–	48	–	–	24	–	–
Standardised operating and non-response to voltage times (U _a)*		–	–	–	–	–	–	–
Maximum operating time		–	–	–	–	–	–	–
Minimum non-response time		–	–	–	–	–	–	–
Operating frequency	Hz	50/60		400	50/60		50/60	
Red mechanical indicator		On front face			On front face		On front face	
Test function		–			–		–	
Width in 9 mm modules		2			2		2	
Operating current		–			–		–	
Number of contacts		–			–		–	
Operating temperature	°C	-35...+70			-35...+70		-35...+70	
Storage temperature	°C	-40...+85			-40...+85		-40...+85	

*(U_a)
Voltages measured between the phase and the neutral conductor, at which the iMSU device must control the associated protective device.

Protection
Circuit protection
Earth leakage protection

Electrical auxiliaries for
iC60, iID, iDPN Vigi, RCA and ARA
(cont.)

iMSU					iMX			iMX+OF				
Overvoltage release					Shunt release			With Open/Close auxiliary contact				
												
<ul style="list-style-type: none"> Switches off the power supply by opening the breaker with which it is combined, in the event that the phase/neutral voltage is exceeded (loss of neutral). For a four-phase network, use three iMSU tripping auxiliaries 					<ul style="list-style-type: none"> Trips the breaker when powered 			<ul style="list-style-type: none"> Includes an open/close contact (OF) to indicate the "open" or "closed" position of the breaker 				
												
<ul style="list-style-type: none"> Protection of equipment against overvoltages on the electrical network (neutral conductor break) Voltage monitoring between phase and neutral conductors 					<ul style="list-style-type: none"> Emergency stoppage by normally open push button 			<ul style="list-style-type: none"> Emergency stoppage by normally open push button Remote indication of the position of the associated breaker 				
A9A26500					A9A26476			A9A26477	A9A26478	A9A26946	A9A26947	A9A26948
■					■			■	■	■	■	■
230					100...415			48	12...24	100...415	48	12...24
-					110...130			48	12...24	110...130	48	12...24
255 V AC					275 V AC			300 V AC	350 V AC	400 V AC	-	
No tripping					15 s			5 s	0.75 s	0.20 s	-	
					3 s			1 s	0.25 s	0.07 s	-	
50/60					50/60			50/60				
On front face					On front face			On front face				
-					-			-				
2					2			2				
-					-			≤ 24 V DC 10 mA mini, 6 A maxi 48 V DC 2 A ≤ 130 V DC 1 A ≤ 240 V AC 6 A 415 V AC 3 A				
-					-			1 NO/NC				
-35...+70					-35...+70			-35...+70				
-40...+85					-40...+85			-40...+85				