

IEC Technical data

AF1350 — AF1650

Magnet System Characteristics for AF... Contactors

Contactor types: AF..		1350	1650
Rated control circuit voltage U_c			
– at 50 Hz	V	100 - 250	
– at 60 Hz	V	100 - 250	
– d.c.	V	100 - 250	
Coil operating limits according to IEC 60947-4-1		$\vartheta \leq 70\text{ °C}$ 0.85 ... 1.1 x U_c	
Drop-out voltage in % of U_c		55 %	
Coil consumption			
Average pull-in value			
50 Hz	VA	1900	
60 Hz	VA	1900	
d.c.	W	1700	
Average holding value			
50 Hz	VA/W	48/17	
60 Hz	VA/W	48/17	
d.c.	W	16	
Operating time			
between coil energization and:			
– N.O. contact closing	ms	50 - 80	
– N.C. contact opening	ms	50 - 80	
between coil de-energization and			
– N.O. contact opening	ms	35 - 55	
– N.C. contact closing	ms	35 - 55	
With PLC			
between coil energization and			
– N.O. contact opening	ms	40 - 65	
– N.C. contact closing	ms	40 - 65	
between coil de-energization and			
– N.O. contact opening	ms	10 - 30	
– N.C. contact closing	ms	10 - 30	

① 50/60 Hz coils: voltage codes 8 0 to 8 8. see page 1.28.