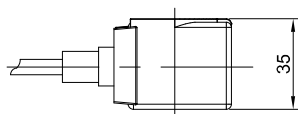
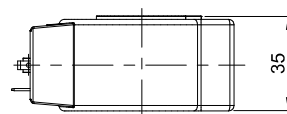


TABLE 30: General characteristics of coils

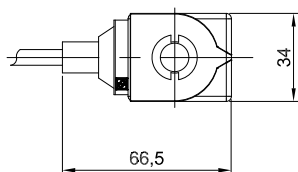
Catalogue Number	Coil Type	Voltage [V]	Voltage tolerance [%]	Frequency [Hz]	Insulation class EN 60730	TA [°C]		Connection	Connectors	Protection Degree
						min.	max.			
9110/RA2	CM2	24 A.C.	+10 / -10	50 / 60	H	-20	+50	Three wires cable	-	IP 66
9110/RA4		110 A.C.								
9110/RA6		220/230 A.C.	+6 / -10							
9110/RA7		240 A.C.	+10 / -10							
9120/RD1	HM3	12 D.C.	+10 / -5	—	F	-20	+50	Terminal block for DIN 43650/A	9150/R02 9900/X##	IP 65 (with connector)
9120/RD2		24 D.C.								
9120/RD3		27 D.C.								
9120/RD4		48 D.C.								
9120/RD6		220 RAC								
9160/RA2	HM4	24 A.C.	+10 / -10	50 / 60	F	-20	+50	Terminal block for DIN 43650/A	9150/R02 9155/R01 9155/R02 9900/X##	IP 65 (with connectors 9150 , 9900)
9160/RA4		110 A.C.							IP 65 / IP 68 (with connector 9155)	
9160/RA6		220/230 A.C.	+6 / -10							
9160/RA7		240 A.C.	+10 / -10							
9300/RA2	HF2	24 A.C.	+10 / -10	50 / 60	H	-20	+50	Terminal block for DIN 43650/A	9150/R## 9900/X##	IP 65 (with connector)
9300/RA4		110 A.C.								
9300/RA6		220/230 A.C.	+6 / -10							
9300/RA7		240 A.C.	+10 / -10							
9300/RA8		380 A.C.								
9320/RA6	HF3	220/230 A.C.	+6 / -10	50 / 60	F	-20	+50	Terminal block for DIN 43650/A	9150/R02 9900/X##	IP 65 (with connector)
9320/RD1		12 D.C.	+10 / -5	—						
9320/RD2		24 D.C.								
9320/RD4		48 D.C.								
9320/RD6		220 RAC								



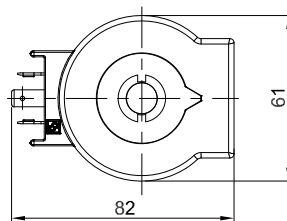
9110 (Type CM2)



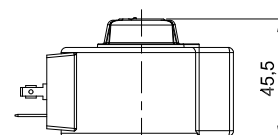
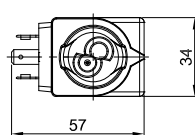
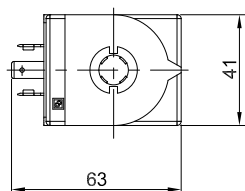
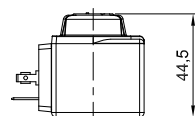
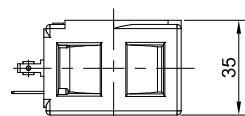
9120 (Type HM3)



9160 (Type HM4)



9300 (Type HF2)



9320 (Type HF3)

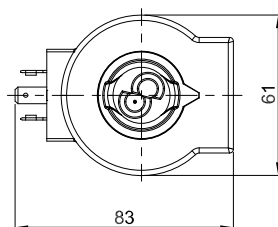


TABLE 31: Coils consumptions and weights

Catalogue Number	Coil Type	Voltage [V]	Power [W]	Consumption at 20 °C [mA]						Weight [g]
				Start			Working			
				50 [Hz]	60 [Hz]	D.C.	50 [Hz]	60 [Hz]	D.C.	
9110/RA2	CM2	24 A.C.	8	920	825	—	527	420	—	230
9110/RA4		110 A.C.		230	205		128	114		
9110/RA6		220/230 A.C.		120	105		68	58		
9110/RA7		240 A.C.		100	87		54	43		
9120/RD1	HM3	12 D.C.	20	—	—	1720	—	—	1720	470
9120/RD2		24 D.C.	20			895			895	
9120/RD3		27 D.C.	20			800			800	
9120/RD4		48 D.C.	22			460			460	
9120/RD6		220 RAC	18			93			93	
9160/RA2	HM4	24 A.C.	8	1490	1320	—	700	530	—	220
9160/RA4		110 A.C.		330	300		156	118		
9160/RA6		220/230 A.C.		162	142		76	57		
9160/RA7		240 A.C.		147	130		70	53		
9300/RA2	HF2	24 A.C.	8	920	825	—	527	420	—	180
9300/RA4		110 A.C.		230	205		128	114		
9300/RA6		220/230 A.C.		140	128		68	58		
9300/RA7		240 A.C.		100	87		54	43		
9300/RA8		380 A.C.		58	51		32	23		
9320/RA6	HF3	220/230 A.C.	12	190	160	—	110	80	—	500
9320/RD1		12 D.C.	20	—	—	1720	—	—	1720	
9320/RD2		24 D.C.	20			895			895	
9320/RD4		48 D.C.	22			460			460	
9320/RD6		220 RAC	18			93			93	