



TYPE I42
No 2 WIRES

TYPE CI42
No 3 WIRES
RED: PULL COIL
BLACK: COMMON (-)
WHITE: HOLD COIL

TYPE C42

DIMENSIONS			
MODEL	E	G	T
I42	74	156	-
C42	99.5	181.5	58
CI42	74	156	-

THE FORCE INDICATED ABOVE REFER TO A SINGLE WORK CYCLE AT A TEMPERATURE OF 20°C. THE ABOVE DATA IS STRICTLY RATED; A VARIATION IN ANY OF THE DATA LEADS TO A CONSEQUENT VARIATION IN ALL OTHER DATA. SYSTEM DI ROSATI RESERVES THE RIGHT TO MAKE CHANGES TO THE DIMENSIONS AND CHARACTERISTICS DESCRIBED ON THIS DATA SHEET WITHOUT PRIOR NOTICE.

DATA SHEET				
		I42	C42	CI42
RATED POWER SUPPLY	V	12/24	12/24	12/24
PULL COIL ABSORPTION AT 20°C	A	25.5/17.9	30/15.4	30/15.4
PULL COIL POWER AT 20°C	W	306/430	360/370	360/370
HOLD COIL ABSORPTION AT 20°C	A	-	0.5/0.27	0.5/0.27
HOLD COIL POWER AT 20°C	W	-	6.2/6.4	6.2/6.4
TYPE POWER		VDC	VDC	VDC
PULL COIL SERVICE AT 20°C	ED%	INTERMIT.	INTERMIT.	INTERMIT.
HOLD COIL SERVICE AT 20°C	ED%	100	100	100
COIL INSULATION	CLASS	H	H	H
WORKING STROKE	mm	30	30	30
START STROKE FORCE WITHOUT SPRING AT 20°C	N	40	40	40
FORCE AFTER 5 mm OF STROKE WITHOUT SPRING AT 20°C	N	100	-	-
HOLDING FORCE WITHOUT SPRING AT 20°C	N	-	120	150
SPRING PRELOAD AT BEGINNING OF WORKING STROKE	N	6	6	6
SPRING LOADING AT END OF WORKING STROKE	N	33	33	33
PROTECTION DEGREE	IP	45	45	45
TOTAL WEIGHT OF ELECTROMAGNET	Kg	0.800	0.900	0.800