

**CAPACITOR CONTACTOR**  
**VIVO 20 10N**

In conformity with standard IEC 60947-4-1

Contactor type			VIVO 20 10N
Capacitor rating at operating	230V	kVAr	11 voltage
<b>400-440V</b>	<b>kVAr</b>		<b>20</b>
50/60 Hz	500-550V	kVAr	24
	660-690V	kVAr	30
Rated operational current <b>Ie/AC at 400 V</b>		<b>A</b>	<b>29</b>
Rated operational current Ith at 400 V		A	40
Insulation rating	Ui	V	690
Permissible ambient temperature		°C	-25 to +55
Rated impuls withstand voltage	Uimp	kV	6
consumption of electromagnet in cold state with Un Ac operated			
	closing	VA	62
	p.f.		0,75
	closed	VA	7
	p.f.		0,3
Coil	Voltage tolerances		0.85-1.1 Un
	Tightening torque		0.8
	Termal screw/screw head		M3.5/PZ2
Degree of protection			IP20
Maximum permissible fuse ratings			
main circuit gL/gG		A	50
auxiliary circuit		A	16
Frequency of switching operations		s/h	120
Electrical endurance		min.	175.000
Sizes of connecting conductors			
-main circuit			
multi-wire conductor		mm <sup>2</sup>	2.5-10
multi-wire conductor with cable shoe		mm <sup>2</sup>	
Termal screw			M4
Screw head			PZ2
Tightening torque		Nm	1,4
auxilliary circuit			

multi-wire conductor	mm <sup>2</sup>	1-2.5
multi-wire conductor with cable shoe	mm <sup>2</sup>	0.75-1.5
Terminal screw		M3.5
Screw head		PZ2
Tightening torque	Nm	0,8
Loadability of auxiliary contacts rated continuous current I <sub>th</sub> : 35	A	10
AC rated operational current I <sub>e</sub> /AC 15		
for 230V	A	6
400V	A	4
500V	A	2
690V	A	1

CNNK 20..N

Drilling plan (mm)

