

- Excellent damping of inrush current.
- Reduced watt loss during "ON" condition to save energy.
- Capacitor bank switching in parallel without derating.
- Enhanced equipment life.
- Low maintenance and down-time.
- Power quality improvement.
- Optimized solution cost.

CSC Duty Contactors are appositely designed for switching three phase, single or multiple step, capacitor banks without choke inductors.

SPECIAL CONTACTORS

CSC capacitor contactors are specially designed to meet stringent requirements of capacitors switching as this operation is associated with high inrush current all CSC contactors are fitted with front-mounted block of three early make auxiliary contact in series with six quick discharge damping resistors, 2 per phase. These auxiliary contacts limit peak current in first stage of switching. Subsequently the nominal current is transferred through main contacts which are switched in next stage and the auxiliary contacts are switched - off at the same time.

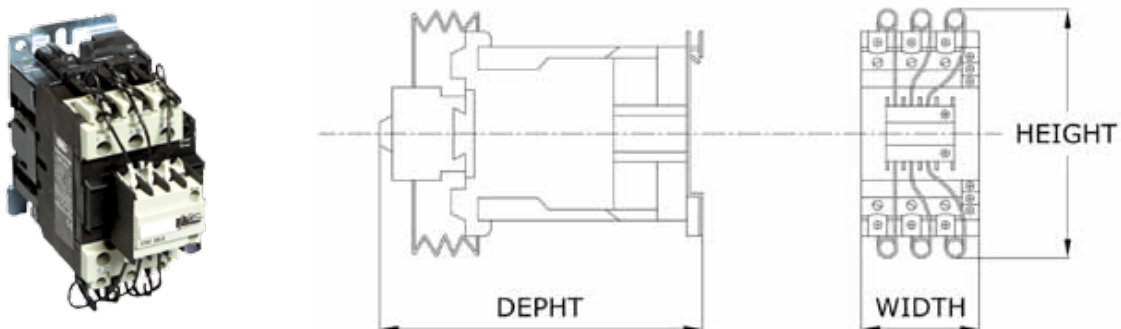
CSC CONTACTORS GENERAL CHARACTERISTICS

General	
Standards:	IEC 60947-4-1 EN 60947-4-1
Origin:	100% made in Italy
Voltage range:	220 V to 690 V
Frequency:	50 Hz — 60 Hz
Coil operating voltage:	220 V — 240 V
Number of pole:	3
Terminal:	Screw

CSC CONTACTORS SELECTION TABLE

ORDER CODE	POWER			DIMENSIONS*			WEIGHT	TIGHTENING TORQUE	MAXIMUM OPERATING RATE	MECHANICAL LIFE
	400 V-440 V kVar	220 V-240 V kVar	660 V-690 V kVar	W (mm)	D (mm)	H (mm)	Kg	Nm	Operations / Hour	Operations
CSC010	10	5,5	12,5	45	130	117	0,51	1,2	240	200000
CSC012,5	12,5	6,7	18	45	130	117	0,52	1,2	240	200000
CSC016,7	16,7	8,5	24	45	130	122	0,60	1,7	240	200000
CSC020	20	10	30	56	140	130	0,76	1,9	240	100000
CSC025	25	15	36	56	140	135	0,78	2,5	240	100000
CSC033,3	33,3	20	48	75	180	150	1,71	5,0	240	100000
CSC040	40	25	58	75	180	150	1,72	5,0	240	100000
CSC050	50	30	72	75	180	150	1,72	5,0	240	100000
CSC060	60	40	92	85	200	157	1,88	9,0	240	100000
CSC075	75	50	120	85	200	157	1,90	9,0	240	100000

CONSTRUCTION DIAGRAM



*All dimensions are in "mm" and will be confirmed at the time of order.