

- Efficient and reliable construction.
- Efficient switching and long life.
- Flexibility to suit application.
- Safety built-in.
- Convenient and swift.

Main switch disconnecter installed on capacitor bank is used to disconnect power factor correction panel from the main circuit.  
The choice of Circuit breaker will depending on rating of the PFC equipment and the required fault current handling capacity.

The rating must be chosen as following:

$$\bullet 1,5 \times (\text{Total Power} / (\text{System voltage} \times 1,73))$$

**Example:**

Capacitor bank with Intact PLUS capacitors.

Total Power: 250 kVar at 400 V, 50 Hz

$$\implies 1,5 \times (250 \text{ kVar} / (0,4 \text{ V} \times 1,73)) = 1,5 \times 361,3 \text{ A} = 542 \text{ A}$$

Select a 630 A switch disconnecter, order code GE630K3

## GE-VC-3 SWITCH DISCONNECTORS GENERAL CHARACTERISTICS

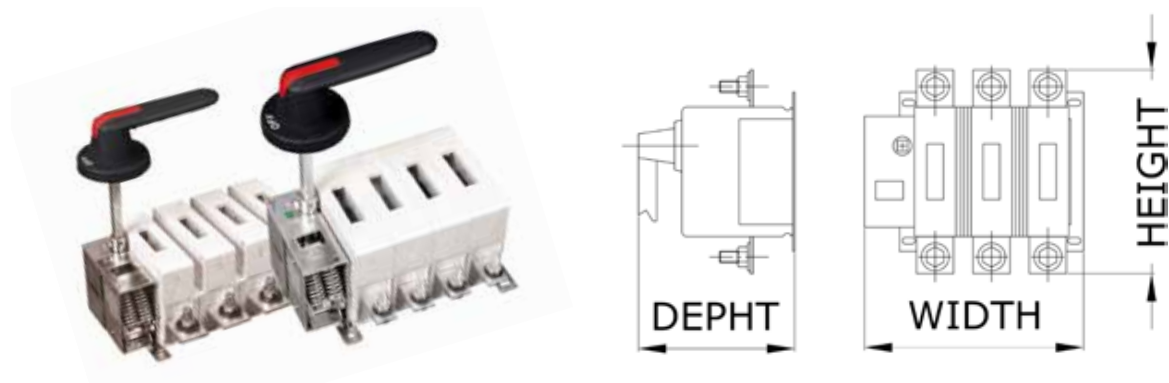
### General

Standards:	IEC 60947-3 EN 60947-3
Origin:	100% made in Italy
Frequency:	50 Hz — 60 Hz
Ambient / Cubicle service temp.:	55 °C
IP level after mounting:	IP 54

### GE-VC-3 SELECTION TABLE

ORDER CODE	RATED CURRENT	OPERATED VOLTAGE	INSULATION VOLTAGE	DIMENSIONS*			WEIGHT	TERMINAL TIGHTENING TORQUE	IMPULSE WITHSTAND VOLTAGE	MINIMUM CONDUCTOR CROSS SECTION	NUMBER of POLE
	A	V	V	W (mm)	D (mm)	H (mm)		Nm	kV	Cu mmq	
GE160DM3	160	415	750	190	90	142	1,8	8	8,0	70	3
GE200DM3	200	415	750	198	105	163	3	30...44	12,0	95	3
GE250DM3	250	415	750	198	105	163	3	30...44	12,0	120	3
GE315DM3	315	415	750	198	105	163	3	30...44	12,0	185	3
GE400K3	400	415	1000	211	130	205	5,2	30...44	12,0	2 x 150	3
GE630K3	630	415	1000	244	130	223	6,2	50...75	12,0	2 x 185	3
GE800K3	800	415	1000	260	130	223	6,2	50...75	12,0	2 x 240	3
GE1000K3	1000	415	1000	383	125	352	16,3	50...75	12,0	2 x (60 x 5)	3
GE1250K3	1250	415	1000	383	125	352	16,3	50...75	12,0	2 x (80 x 5)	3
GE1600K3	1600	415	1000	383	125	352	17,5	50...75	12,0	2 x (100 x 5)	3
GE2000K3	2000	415	1000	468	271	352	37	50...75	12,0	3 x (100 x 5)	3
GE2500K3	2500	415	1000	468	271	352	37	50...75	12,0	4 x (100 x 5)	3
GE3150K3	3150	415	1000	468	271	352	37	50...75	12,0	3 x (100 x 10)	3

### CONSTRUCTION DIAGRAM



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