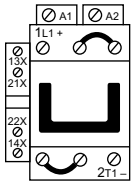
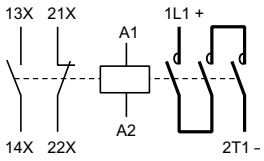
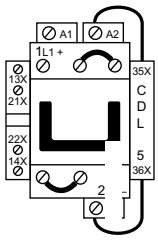
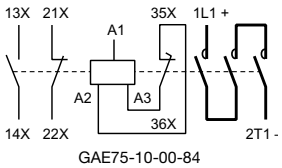
GA75 - GAE75





GA75-10-00-84





GAE75-10-00-84

Maximum rated operational current DC-1 $U_e \leq 440V$ A	DC-1 $U_e \leq 600V$ A	DC-3 $U_e \leq 440V$ A	DC-5 $U_e \leq 220V$ A	DC-5 $U_e \leq 440V$ A	Mounted auxiliary contacts N.O.	N.C.	Catalog number	List price
100	75	85	85	35	–	–	GA75-10-00-84	**$ 570**
100	75	85	85	35	1	1	GAE75-10-11-81	**705**

Rated insulation voltage $\mathbf{U_i}$ = 1000 V d.c. according to IEC 947-4-1.
Maximum switching frequencies: 300 operating cycles/h

Coil voltage selection

All AC operated catalog numbers include a 120VAC coil. All DC operated catalog numbers include a 24VDC coil. To select other coil voltages, substitute the code from the Coil Voltage Selection Chart for the two digits after the last dash in the catalog number.

Ex.: A 240VAC coil is required for a GA75 contactor: GA75-10-00-80
A 110VDC coil is required for a GAE75 contactor: GAE75-10-00-86

Coil voltage selection chart

Hz	Cntr type	Volts 12	24	48	110	120	125	208	220	240	277	380	415	440	480	500	600
60	GA		81	83	84	84		34	75	80	42	48	86	86	51	53	55
50	GA		81	83	84				80			85	86			55	
DC	GAE	80	81	83	86		87		88	89							

For other voltages, see page 1.26.

Accessories

Standard **A** and **AE 40 - 75** contactor accessories are suitable for **GA75** and **GAE75** contactors.
Coils are the standard coils for **A** and **AE50 - 75** contactors.
Contacts cannot be changed.

Wiring diagrams

In D.C. circuits, the source to earth (or frame) connection mode is an important element.

Three modes are mainly used:
A – insulated source, i.e. unearthed (or not connected to the frame).
B – source earthed via its central point.
C – source earthed via one of its outer poles.

Modes **A** and **B** do not impose any constraints with regard to the distribution of the contactor poles between the two source/load connecting branches. Mode **C** requirements are therefore suitable for modes **A** and **B**.
For mode **C**, *all the poles necessary for breaking must be installed in series between the load and the ungrounded source polarity.We recommend this solution for all connection modes.*

The above provisions relate to power circuit switching, the SCPD (Short-Circuit Protection Device) must comply with protection rules.