

## 'APEX' Direct-Online Motor Starter

Direct-On-Line Starters (or DOL) are the most common type of AC motor Starters. Apex's DOL range starts from 0.5 H.P. and goes till 40 H.P.

DOL provides complete protection from Overloading and Single Phasing (where Three phase connection is used). It consists of two major components other than the enclosure. The components are called as Contactors and Overload Relays. We use very high quality alloys as contacts so that the precise and chatter-free operation is achieved.

The Solenoid coils inside the contactors are machine-wound with use high-precision winding machines. The powder-coated outer cover of DOL complies with IP54 Protection Class, which ensures that its sturdy and safe enough for use for years.

### CLASSIC D.O.L. Motor Starters

As the name suggests 'Classic' is our flagship model, which is around for decades. It has been highly successful model and has undergone number of enhancements and improvements. It is still a preference over its competitors.

#### Selection Table

Type Ref.	Motor output		Relay Range(Amps)
	K.W	H.P	
AE/P-116 -I	0.37	0.5	0.5-1
	0.55	0.75	1-2
	0.75	1	1-2
	1.1	1.5	1.5-3
	1.5	2	2-4
	2.2	3	3-6
	4	5	4-10
	4	5	6-12
	5.5	7.5	10-16
	7.5	10	11-20
AE/P-116 -2 D	4	5	6-12
	7.5	10	8-16
	9.3	12.5	16-24
	11	15	16-24
	15	20	24-32
AE/P-116 -3 D	18.5	25	30-40



## COMPACT D.O.L Motor Starters


Compact D.O.L as the name suggests are a small but powerful Direct-online starter. The size has been brought down significantly and performance has increased manifold. The outer design is appealing enough to enhance the outlook of the device it is fitted on.

The overload relay used in 'Compact' starters are 'manual resetting' type. Which means it provided your device the maximum safety since it will not be turned on, after tripping, without pressing stop button to reset the relay manually? 'Compact' starter comes in Single Phase and Three Phase versions.

### Selection Table

For Single Phase

Type Ref.	Motor output		Relay Range(Amps)
	K.W	H.P	
AE/P-145 S.P COMPACT	-----	0.125	1-2.5
	0.37	0.5	2-4
	0.56	0.75	4-7
	0.75	1	5-10
	0.84	1.25	5-10
	1.1	1.5	8-14
	1.5	2	8-14
	2.2	3	10-20



For Three Phase

Type Ref.	Motor output		Relay Range(Amps)
	K.W	H.P	
AE/P-145 T.P COMPACT	0.37	0.5	0.5-1
	0.75	1	1-1.25
	1.1	1.5	2-4
	1.5	2	2-4
	2.2	3	4-7
	4	5.0	5-10
	5.5	7.5	8-14