PRODUCT PARAMETER TABLE

Model Description

LD	T	1	–	630A	/	4P	/	N
LANDI ELECTRIC	PC GRADE motor drive type	1:Standard type		Design current (630A)		Number of poles (2P/3P/4P)		M1: Terminal type (Automatic switch and automatic recovery) M2: Terminal type (Automatic switch but not automatic recovery) X: Fire-fighting type (Fire-fighting Zero Position) WA: Intelligent type (Fire-fighting type + LDR2-A LED controller) WB: Intelligent type (Fire-fighting type + LDR2-B LCD controller) N: Intelligent type (Built-in MCU programmed control panel)



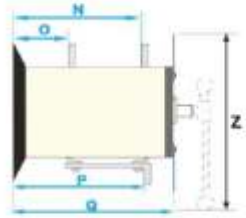
Main Technical Parameters

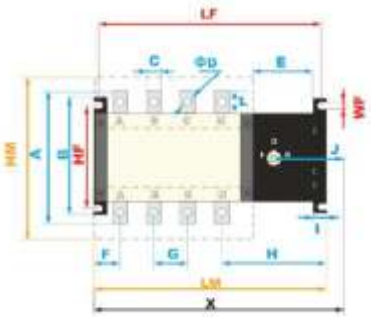
Conventional thermal current Ith	500A、630A	
Copper rated insulation voltage Ui	1000V	
Rated impulse withstand voltage Uimp	12KV	
Copper rated working voltage Ue	AC440V	
Copper rated working current Ie	500A、630A	
Rated connection capacity	10Ie	
Rated breaking capacity	10Ie	
Rated limited short circuit current	Fuse for protection / circuit breaker for protection	120KA / 65KA
Transfer time Ⅰ – Ⅱ	0.6S	
Control voltage of the switch motor Us	DC24V AC220V AC280V	
Start / Normal	325/62W	
Use category	AC–33A	

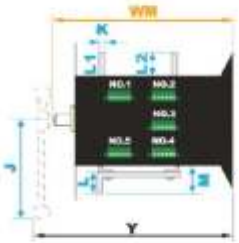
Install And Use Conditions

Temperature	-5℃- +40℃, 24H average not mort than +35℃
Humidity	In the +40℃ conditions,the average humidity not more than 50%,no condensing
Altitude	<2000m,if used at higher than 2000 meters,please use the product at lower ratings
Vibration and gas	Free of strong vibration and impact,harmful gases leading to corrosion against metals and damage to insulation
Surrounding material	Free of thick dust ,conductive particles and explosive material
Class of pollution	Ⅲ
IP classification	IP 20
Storage requirements	Stored at -30℃ to70℃, in a dry environment without corrosion or salts and the longest period of storage shall be no more than 1 year
Installation	Ver tically or horizontally
Wiring	The standard type is suitable for upper-in and lower-out wiring.Do not wire reversely.The type for lower-in and upper-out wiring can be customized.

Installation Dimensions







Model	Appearance And Installation Data													
LDT1–400~630A	LF	WF	HF	LM	WM	HM	A	B	C	D	E	F	G	H
	416	8	180	436	263	324	270	200	40	13	126	45.5	65	195.5
	I	J	K	L	L1	L2	M	N	O	P	Q	X	Y	Z
	25	189	6	45	52	52	58	186	77	208.5	239	521.5	296	355

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