



SDSI Star Delta Starters Datasheet

Order Code	Control Voltage (VAC)	Motor Power at 400V (kW)	Horse Power (HP)	Max. Motor Current AC3 (A)	Dimensions H x W x D (mm)
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Star Delta Starter With Isolator - Overload included

SDSI 11415	400	11	15	22	300 x 300 x 200
SDSI 15415	400	15	20	28	
SDSI 22415	400	22	30	42	
SDSI 30415	400	30	40	56	
SDSI 45415	400	45	60	83	500 x 400 x 200



Hinged door mild steel enclosure with painted finish and supplied complete with fitted thermal overload relay and isolator.

Operational Characteristics

- Operating temperature: -25...+60°C
- Storage temperature: -40...+70°C
- Degree of protection: IP65

Certifications and compliance - Starters

- Compliant with standards: IEC/EN 60947-1 and IEC/EN 60947-4-1

Wiring and Connections

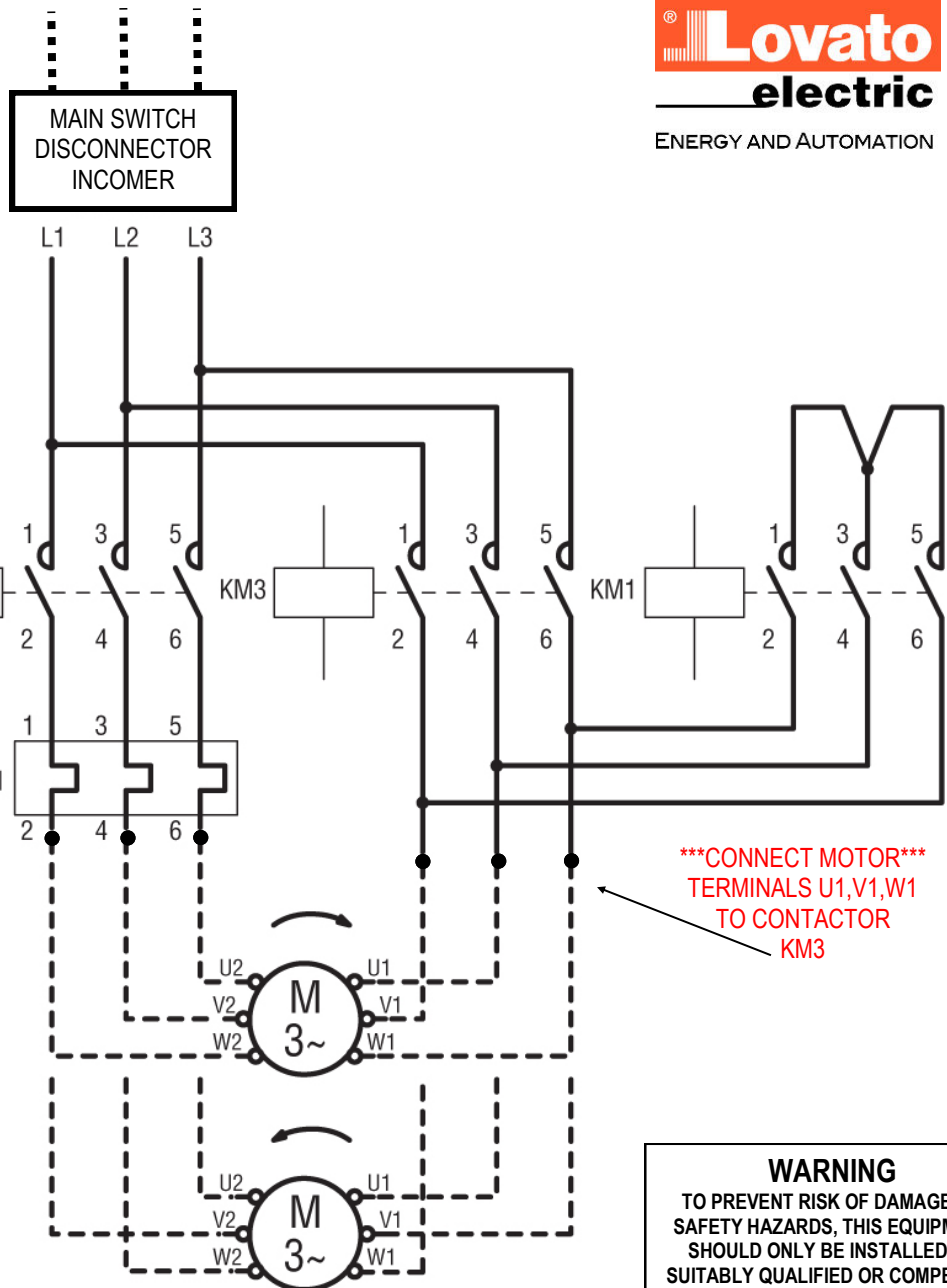
- See page 2....



- SDSI 11415
- SDSI 15415
- SDSI 22415
- SDSI 30415
- SDSI 45415

CONNECT MOTOR
TERMINALS U2,V2,W2
TO OVERLOAD RELAY
FR1

CONNECT MOTOR
TERMINALS U1,V1,W1
TO CONTACTOR
KM3

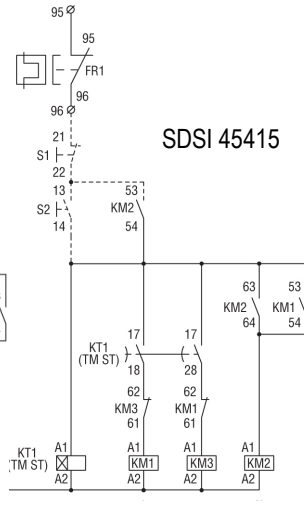
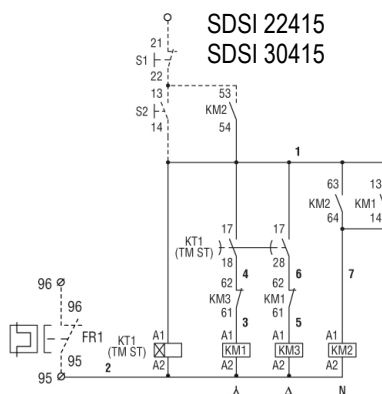
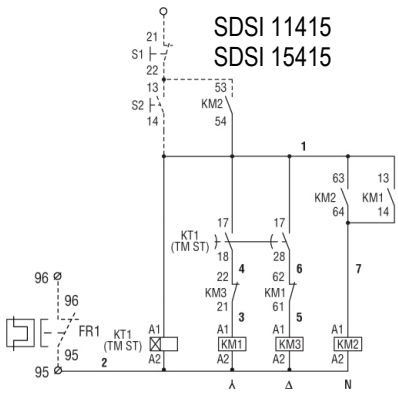


KEY
CONNECTIONS TO BE MADE BY INSTALLER
INDICATED BY

WARNING
TO PREVENT RISK OF DAMAGE OR
SAFETY HAZARDS, THIS EQUIPMENT
SHOULD ONLY BE INSTALLED BY
SUITABLY QUALIFIED OR COMPETENT
PERSONS AND IN ACCORDANCE WITH
ALL APPLICABLE ELECTRICAL
REGULATIONS

OUTGOING 3PH MOTOR CONNECTIONS
(CLOCKWISE & ANTI-CLOCKWISE)

SCHEMATIC WIRING DIAGRAMS



STAR DELTA TIMER

End Scale	
1s	0.1...1s
10s	1...10s
1m	6s...1min
10m	1...10min

Time adjustment

Star-delta transition time delay

Lovato
TMST & TMSTA440

