

# Starter boxes and level control equipment

**SULZER**

## General

When a start and stop level is required, a starter box for level control can prolong the life of the pump. Sulzer provides standard DOL and Star-Delta starter boxes with a built in float switch for J/JC/JS series.

### 00830423 - JP10-WKS

Starter box 1-phase 10 A with float switch  
Contactor 230 V, 50 Hz, Transformer 24 V  
Cable: 2 x 1 m, 4 x 1.5 mm<sup>2</sup>  
CEE Euro plug female, CEE Euro plug male  
Start switch ON/OFF/AUTO  
Enclosure IP55  
Casing in polymer (125 x 175 x 150)  
Option: Overload relay (specify nominal current).



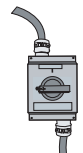
### 00830257 - JP16-DKS

Starter box 16 A with float switch  
Contactor 400 V, 50 Hz, Transformer 24 V  
Cable: 2 x 1 m, 5 x 2.5 mm<sup>2</sup>  
CEE 416-6 plug female CEE 416-6 plug male  
Start switch ON/OFF/AUTO  
Enclosure IP55  
Casing in polymer (125 x 175 x 150)  
Option: Overload relay (specify nominal current).



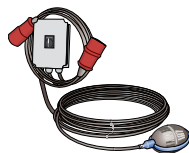
### 00830796 - CB-63

Circuit breaker 63 A  
Cable gland for 4 x 10 mm<sup>2</sup>  
Start switch ON/OFF  
Enclosure IP54, Casing in polymer



### 00830258 - JP25-DKS

Starter box 25 A with float switch  
Contactor 400 V, 50 Hz, Transformer 24 V  
Cable: 2 x 1 m, 5 x 4 mm<sup>2</sup>  
CEE 432-6 plug female CEE 432-6 plug male  
Start switch ON/OFF/AUTO  
Enclosure IP55  
Casing in polymer (175 x 250 x 150)  
Option: Overload relay (specify nominal current).



### 00830259 - JP54SD

Star-Delta starter 6 kW, 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
Terminal block for motorcable and control cable  
Cable gland for pump cable 10 x 2.5 mm<sup>2</sup>  
CEE 432-6 plug male for connection to main power supply  
Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts



Start switch ON/OFF/AUTO

Enclosure IP55

Casing in polymer with door (300 x 300 x 180)

Handle

Option: level control with float switch 20 m (always specify quantity of float switches)

### 00830887 - JP40-DKS

Starter box 40 A with float switch  
Contactor 400 V, 50 Hz, Transformer 24 V  
Cable: 2 x 1 m, 4 x 10 mm<sup>2</sup>  
CEE 463-6 plug female CEE 463-6 plug male  
Start switch ON/OFF/AUTO  
Enclosure IP55  
Casing in polymer (300 x 300 x 180)  
Option: Overload relay (specify nominal current).



### 00830260 - JP84SD

Star-Delta starter 9 kW, 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
Terminal block for motorcable and control cable  
Cable gland for pump cable 10 x 2.5 mm<sup>2</sup>  
CEE 432-6 plug male for connection to main power supply  
Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts



Start switch ON/OFF/AUTO

Enclosure IP55

Casing in polymer with door (300 x 300 x 180)

Handle

Option: level control with float switch 20m (always specify quantity of float switches)

### 00832046 - JP63-DKS

Starter box 63 A with float switch  
Contactor 400 V, 50 Hz, Transformer 24 V  
Cable: 2 x 1 m, 4 x 16 mm<sup>2</sup>  
CEE 463-6 plug female CEE 463-6 plug male  
Start switch ON/OFF/AUTO  
Enclosure IP55  
Casing in polymer (300 x 300 x 180)  
Option: Overload relay (specify nominal current).



**00830261 JP205D**

Starter box DOL 21 kW, Contactor 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
Supplement relay, Seal probe relay, Terminal block for control cable  
Cable glands for: 1 x pump cable 4 x 10 mm<sup>2</sup>  
1 x control cable 4 x 1.5 mm<sup>2</sup>

CEE plug 63 A male for connection to main power supply

Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts  
- for indication seal probe

Start switch ON/OFF/AUTO

Casing with door (330 x 430 x 200), Enclosure IP55, Glass fibre reinforced, Pedestal with feet & handle

Option: Level control with float switch 20 m (always specify quantity of float switches). Plug in connection with security solution with plugs for both starter box, pump and additional equipment in box.

**00830262 JP205SD**

Star-Delta starter 21 kW, 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
Supplement relay, Seal probe relay, Terminal block for control cable  
Cable glands for: 2 x pump cable 4 x 6 mm<sup>2</sup>  
1 x control cable 4 x 1.5 mm<sup>2</sup>

CEE plug 63 A male for connection to main power supply

Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts  
- for indication seal probe

Start switch ON/OFF/AUTO

Casing with door (330 x 430 x 200), Enclosure IP55, Glass fibre reinforced, Pedestal with feet & handle

Option: Level control with float switch 20 m (always specify quantity of float switches). Plug in connection with security solution with plugs for both starter box, pump and additional equipment in box.

**00831009 JP405D**

Starter box 35 kW, 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
Supplement relay, Seal probe relay, Terminal block for control cable  
Cable glands for: 1 x pump cable 4 x 25 mm<sup>2</sup>  
1 x control cable 4 x 1.5 mm<sup>2</sup>

CEE plug 125 A male for connection to main power supply

Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts  
- for indication seal probe

Start switch ON/OFF/AUTO

Casing with door: (435 x 645 x 250), Enclosure IP55, Glass fibre reinforced, Pedestal with feet & handle

Option: Level control with float switch 20 m (always specify quantity of float switches). Plug in connection with security solution with plugs for both starter box, pump and additional equipment in box.

**00830263 JP405SD**

Star-Delta starter 35 kW, 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
Supplement relay, Seal probe relay, Terminal block for control cable  
Cable glands for: 2 x pump cable 4 x 10 mm<sup>2</sup>  
1 x control cable 4 x 1.5 mm<sup>2</sup>

CEE plug 125 A male for connection to main power supply

Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts  
- for indication seal probe

Start switch ON/OFF/AUTO

Casing with door: (435 x 645 x 250), Enclosure IP55, Glass fibre reinforced, Pedestal with feet & handle

Option: Level control with float switch 20 m (always specify quantity of float switches). Plug in connection with security solution with plugs for both starter box, pump and additional equipment in box.

**00831871 JP604D**

Starter box 56 kW, Contactor 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
2 x Supplement relay, 2 x Seal probe relay, Terminal block for control cable  
Cable glands for: 1 x pump cable 4 x 35 mm<sup>2</sup>  
1 x control cable 7 x 1.5 mm<sup>2</sup>

CEE plug 125 A male for connection to main power supply

Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts  
- for indication seal probe oil casing/terminal box  
- for indication bearing sensor

Start switch ON/OFF/AUTO

Casing with door: (435 x 645 x 250), Enclosure IP55, Glass fibre reinforced, Pedestal with feet & handle

Option: Level control with float switch 20 m (always specify quantity of float switches). Plug in connection with security solution with plugs for both starter box, pump and additional equipment in box.

**00830264 JP604SD**

Star-Delta starter 56 kW, 400 V, 50 Hz  
Overload relay with reset button, Transformer 24 V  
2 x Supplement relay, 2 x Seal probe relay, Terminal block for control cable  
Cable glands for: 2 x pump cable 4 x 16 mm<sup>2</sup>  
1 x control cable 7 x 1.5 mm<sup>2</sup>

CEE plug 125 A male for connection to main power supply

Indication lamps: - for pump running  
- for triggered -overload relay  
- for triggered -thermal contacts  
- for indication seal probe oil casing/terminal box  
- for indication bearing sensor

Start switch ON/OFF/AUTO

Casing with door: (435 x 645 x 250), Enclosure IP55, Glass fibre reinforced, Pedestal with feet & handle

Option: Level control with float switch 20 m (always specify quantity of float switches). Plug in connection with security solution with plugs for both starter box, pump and additional equipment in box.