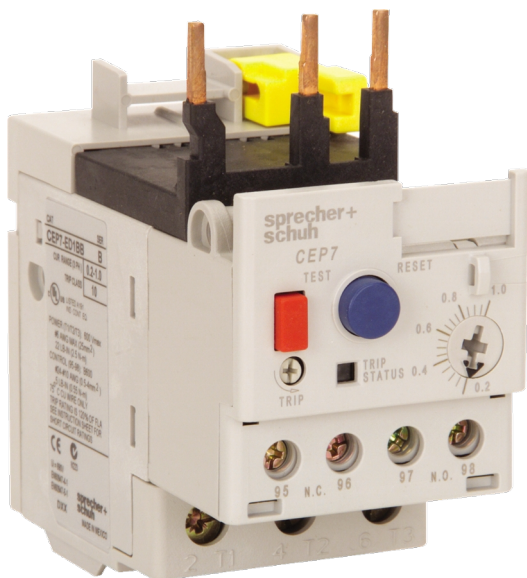# Catalogue No: **CEP7-ED1FD**

OVERLOAD ELECTRONIC 9-45A FOR CA7-30/55

Motor Control and Drives > Motor Starting and Protection > Motor Protection > Sprecher + Schuh Overloads > Electronic Overloads > CEP7-ED1 Standard Electronic Overload Relays

Representative Photo Only
(actual product may vary based on configuration selections)

CEP7-E Standard Electronic Overload Relay, 9-45A, (3-Phase), 4...22kW, for use with CA7-30...55, Trip Class 10, Manual Reset

- Wide current adjustment range (5:1) significantly reduces inventory requirements
- Extremely low heat generation results in cooler panels and switchboards
- Self-powered with no separate power supply connection required, for convenience
- Advanced phase failure detection (typically 3 seconds) for improved motor protection
- Low-voltage compatible contacts (17V, 5mA) – ideal with PLC systems
- Includes trip and alarm contacts – 1x N/C and 1x N/O for easy integration into your control circuit
- Unique latching mechanism and strengthened power connections provide greater mechanical connection with Sprecher + Schuh CA7 contactors for a more robust design

SPECIFICATIONS

Component Type Motor Control and Drives	Electronic Overload
Adjustment	5 : 1
Current Range (A)	9.0...45
Approx kW	4...22
kW Rating, AC-3, 415V, Min	4 kW @415V min
kW Rating, AC-3, 415V, Max	22 kW @415V max
Motor FLC, Min	9 A, min
Motor FLC, Max	45 A, max
Details, Contactor	CA7-30...55
Trip Class	10
Reset	Manual Only
Contact Configuration	1 NO + 1 NC
Test Function	Yes
Visible Trip Indicator	Yes
Rated Operation Voltage	690 V AC

REFERENCES

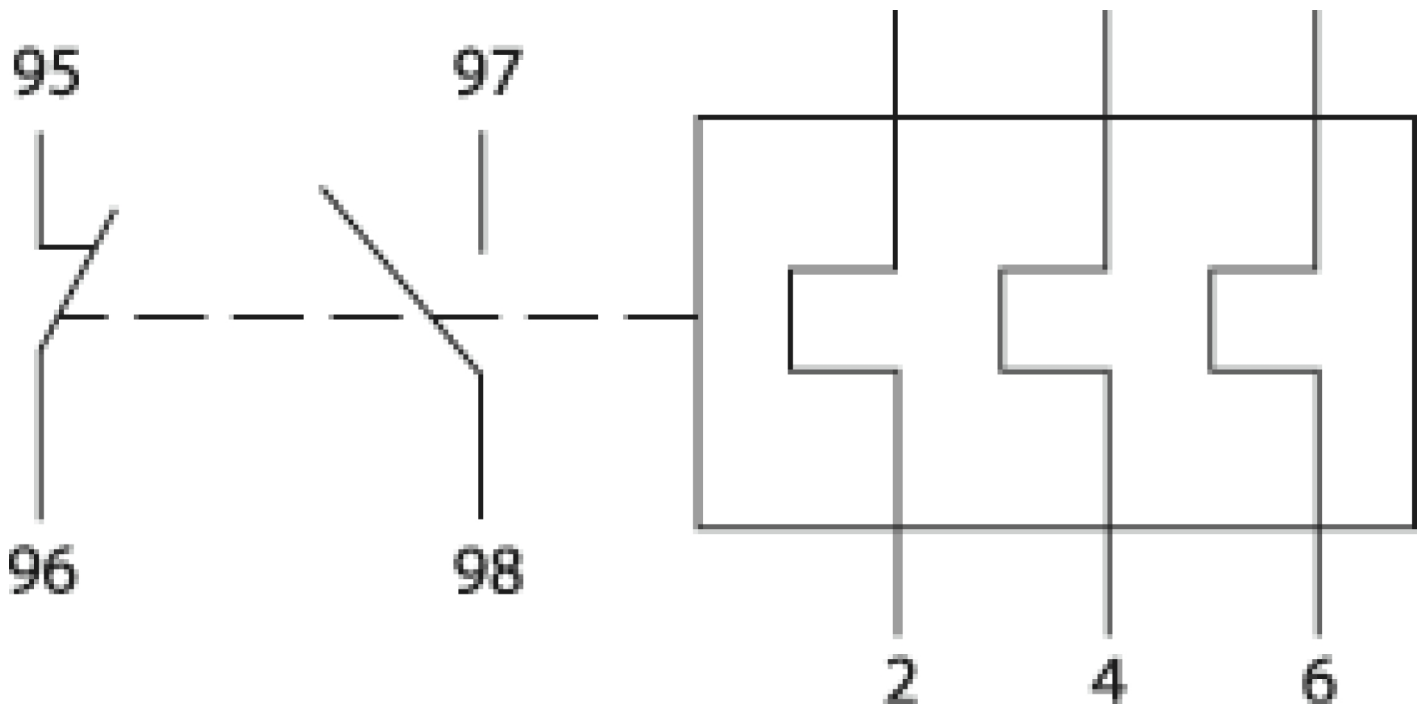|		
IECEx Certificate	-	
Supplier Declaration of Conformity:	-	
Installation Guide:	-	
User Manual:	-	
Manufacturer Datasheet:	-	
Manufacturer Catalogue & Product Selection:	-	

Catalogue No: **CEP7-ED1FD**

OVERLOAD ELECTRONIC 9-45A FOR CA7-30/55

Motor Control and Drives > Motor Starting and Protection > Motor Protection > Sprecher + Schuh Overloads > Electronic
Overloads > CEP7-ED1 Standard Electronic Overload Relays
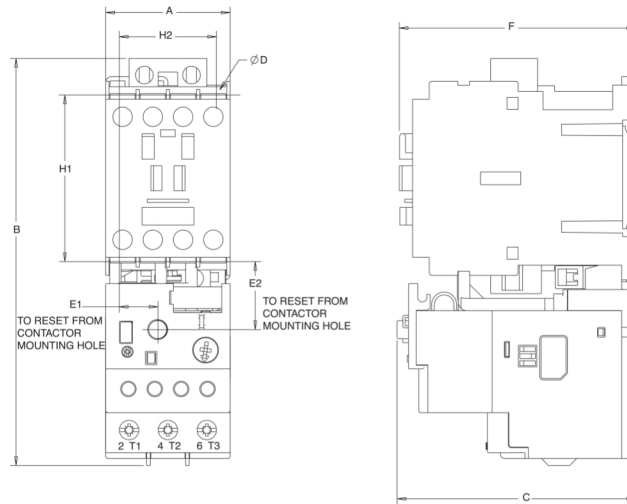
Overload	Mounted to Contactor		A Width	B Height	C Depth	D	E1	E2	F	H1	H2
CEP7-ED1ED..FD CEP7-ED1…B CEP7-EE…B CEP7S-EE…B	CA7-9…23	mm	45	146.6	85.2	4.5	13.9	24.5	86.5	60	35
CEP7-ED1…D CEP7-EE…D CEP7S-EE…D	CA7-30…37	mm	45	146.6	101.2	4.5	13.9	24.5	104	60	35
CEP7-ED1…D CEP7-EE…D CEP7S-EE…D	CA7-43	mm	54	146.6	101.2	4.5	18.9	24.5	107	60	45
CEP7-EE…E CEP7S-EE…E	CA7-60…97	mm	72	192.3	120.4	5.4	23.8	29	125.5	100	55

Dimension Diagram

Connection / Wiring Diagram