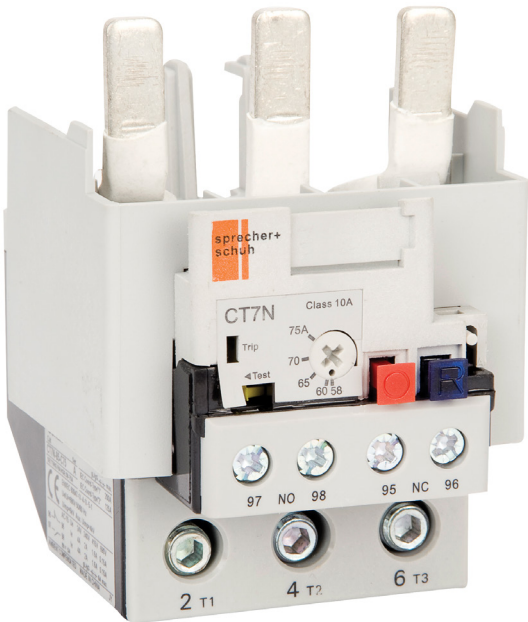


CT7N85C75

S+S CT7N Thermal Overload Relay 58 to 75A Direct Mount

Manual or Auto Reset for CA7 60 and 97A



|                |                        |
|----------------|------------------------|
| Component type | Thermal overload relay |
| Range          | CT7N                   |
| Model          | N/A                    |
| Product status | Existing               |

The Sprecher + Schuh CT7N Motor Overload are motor protectors for IEC applications. Designed for use with CA7 Contactors and CA7 Reversing Contactors and feature adjustable trip settings, manual reset button, and a differential mechanism for sensitivity to phase-loss conditions.

ELECTRICAL

|                                                         |                  |
|---------------------------------------------------------|------------------|
| Adjustable current range                                | 58-75 A          |
| Release class                                           | CLASS 10         |
| Max. rated operation voltage Ue                         | 690 V            |
| Number of auxiliary contacts as normally closed contact | 1                |
| Number of auxiliary contacts as normally open contact   | 1                |
| Reset function automatic                                | Yes              |
| Reset function push-button                              | Yes              |
| Type of electrical connection of main circuit           | Screw connection |

CONSTRUCTION

|                 |                   |
|-----------------|-------------------|
| Mounting method | Direct attachment |
|-----------------|-------------------|

DIMENSIONS

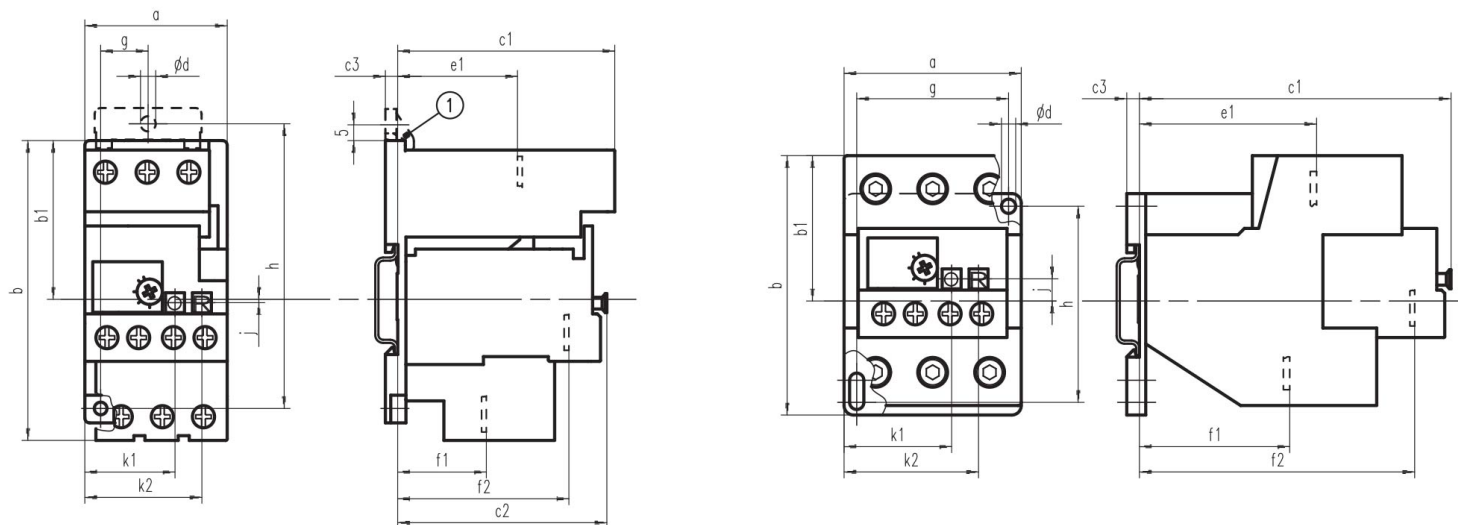
|        |         |
|--------|---------|
| Height | 84.1 mm |
| Width  | 56 mm   |
| Depth  | 101 mm  |
| Weight | 0.36 kg |

# CT7N85C75

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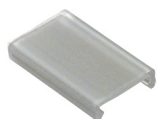
## DIMENSIONAL DIAGRAM



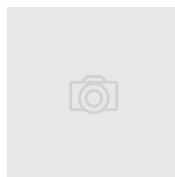
| Overload +<br>DIN Rail/ Panel<br>Mounting Adapter                        | a  | b    | b1 | c1   | c2 | c3 | ød  | e1 | f1   | f2 | g  | h  | k1   | k2   |
|--------------------------------------------------------------------------|----|------|----|------|----|----|-----|----|------|----|----|----|------|------|
| CT7N-23-A16...C25 +<br>CT7N-37-P-A<br>CT7N-37-C20...C25 +<br>CT7N-37-P-A | 45 | 89.5 | 50 | 68.5 | 66 | 4  | 4.5 | 38 | 26   | 54 | 15 | 90 | 29   | 37.5 |
| CT7N-37-C30...C38 +<br>CT7N-37-P-A                                       | 45 | 91.5 | 50 | 68.5 | 66 | 4  | 4.5 | 38 | 28   | 54 | 15 | 90 | 29   | 37.5 |
| CT7N-85-C47P...C90P +                                                    | 56 | 82   | 46 | 99.5 | ~  | 4  | 4.5 | 56 | 47.5 | 87 | ~  | 60 | 41.5 | 50   |

## RELATED PRODUCTS

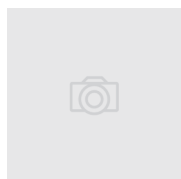
### ACCESSORY



**Item No:** CA7FMC  
**Required:** No  
**Description:** S+S CA7 Tag Label Cover



**Item No:** CA7FMS  
**Required:** No  
**Description:** S+S CA7 Tag Marking Sheet 105 Stickers



**Item No:** CA7FMP  
**Required:** No  
**Description:** S+S CA7 Tag Label Sheet 160 Labels



**Item No:** CMR7N110VAC  
**Required:** No  
**Description:** S+S CT7N Reset Magnet 110VAC suits CT7NCT8

# CT7N85C75

S+S CT7N Thermal Overload Relay 58 to 75A Direct Mount  
Manual or Auto Reset for CA7 60 and 97A



MOTOR PROTECTION

**sprecher+schuh**

## RELATED PRODUCTS

### ACCESSORY



**Item No:** CMR7N12VDC

**Required:** No

**Description:** S+S CT7N Reset Magnet 12VDC suits CT7NCT8



**Item No:** CMR7N240VAC

**Required:** No

**Description:** S+S CT7N Reset Magnet 240VAC suits CT7NCT8



**Item No:** CMR7N24VAC

**Required:** No

**Description:** S+S CT7N Reset Magnet 24VAC suits CT7NCT8



**Item No:** CMR7N24VDC

**Required:** No

**Description:** S+S CT7N Reset Magnet 24VDC suits CT7NCT8



**Item No:** CMR7N48VDC

**Required:** No

**Description:** S+S CT7N Reset Magnet 48VDC suits CT7NCT8



**Item No:** CT7N37PA

**Required:** No

**Description:** S+S CT7N Separate Mount Bracket for CT7N23 and CTN37



**Item No:** CT7NRA3

**Required:** No

**Description:** Sprecher + Schuh CT7N Adaptor External Reset for use with CT7N and CT8



**Item No:** D7AD2CE186

**Required:** No

**Description:** Sprecher and Schuh D7 Diffuser For Flush IllumPush Button Reset



**Item No:** D7AD3CE186

**Required:** No

**Description:** Sprecher and Schuh D7 Diffuser for Pilot Light Reset



**Item No:** D7AD4CE186

**Required:** No

**Description:** Sprecher and Schuh D7 Diffuser for Extended Illuminated Pushbutton Reset



**Item No:** D7AF2CE186

**Required:** No

**Description:** Sprecher and Schuh D7 Colour Cap For Flush Non Illuminated Pushbutton 22.5mm Black Reset



**Item No:** D7AF6CE186

**Required:** No

**Description:** Sprecher and Schuh D7 Colour Cap for Flush and Guarded Non illuminated Pushbutton 22.5mm Blue Reset



**Item No:** D7ATR01

**Required:** No

**Description:** Sprecher and Schuh D7 Reset Rod 315 mm Adjustable 34 to 52mm Pusher 10 mm



**Item No:** D7ATR02

**Required:** No

**Description:** Sprecher and Schuh D7 Reset Rod 55 mm Adjustable 50-67 mm Pusher 10 mm



**Item No:** D7ATR04

**Required:** No

**Description:** Sprecher and Schuh D7 Reset Rod 85 mm Adjustable 80-98 mm Pusher 10 mm



**Item No:** D7ATR06

**Required:** No

**Description:** Sprecher and Schuh D7 Reset Rod 115 mm Adjustable 110-128 mm Pusher 10 mm



**Item No:** D7ATR08

**Required:** No

**Description:** Sprecher and Schuh D7 Reset Rod 145 mm Adjustable 141-195 mm Pusher 10 mm

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S+S CT7N Thermal Overload Relay 58 to 75A Direct Mount  
Manual or Auto Reset for CA7 60 and 97A



MOTOR PROTECTION

**sprecher+**  
**schuh**

## RELATED PRODUCTS

### ACCESSORY



**Item No:** D7ATR19

**Required:** No

**Description:** Sprecher and Schuh D7 Reset Rod 315 mm Adjustable 157-326 mm Pusher 10 mm



**Item No:** D7MF607MX10

**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5 mm Complete Metal MOM Flush Blue Cap RESET Non Illuminated 1NO

**Item No:** D7MR2



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Metal Reset Rod Operator Blank Black

**Item No:** D7MR3



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Metal Reset Rod Operator Blank Green

**Item No:** D7MR4



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Metal Reset Rod Operator Blank Red

**Item No:** D7MR6



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5 mm Metal Flush Head Reset Operator Blue

**Item No:** D7MR607



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Metal Reset Rod Operator Reset Blue

**Item No:** D7MR611



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Metal Flush Head Reset Operator Blue R



**Item No:** D7PF607PX10

**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5 mm Complete Plastic MOM Flush Blue Cap RESET Non Ill 1NO

**Item No:** D7PR2



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5 mm Plastic Reset Rod Operator Blank Black

**Item No:** D7PR3



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Plastic Reset Rod Operator Blank Green

**Item No:** D7PR4



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Plastic Reset Rod Operator Blank Red

**Item No:** D7PR6



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5 mm Plastic Reset Rod Operator Blank Blue

**Item No:** D7PR607



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5mm Plastic Reset Rod Operator Reset Blue

**Item No:** D7PR611



**Required:** No

**Description:** Sprecher and Schuh D7 Pushbutton 22.5 mm Plastic Flush Head Round Blue R

**Item No:** KT745AS

**Required:** No

**Description:** S+S KT7 Screw Fixing Adapter

