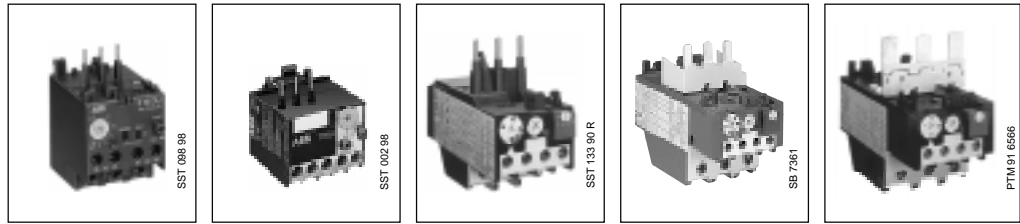


# Thermal/electronic overload relays

## Overview

Thermal/electronic  
overload relays



Type

**E 16 DU**

**T 7 DU**

**TA 25 DU**

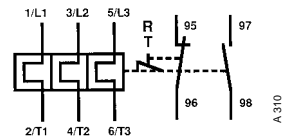
**TA 42 DU**

**TA 75 DU**

Description

Design

Three-pole, with temperature compensation and phase-failure protection  
1 NO + 1 NC built-in auxiliary contacts



Resetting

Convertible Manual/Automatic

Setting ranges

Number

5

11

18

3

6

from  
to

0.1 ... **0.32 A**  
5.7 ... **18.9 A**

0.1 ... **0.16 A**  
9.0 ... **12.0 A**

0.1 ... **0.16 A**  
24 ... **32 A**

18 ... **25 A**  
29 ... **42 A**

18 ... **25 A**  
60 ... **80 A**

### Mounting possibilities onto contactors

Mounting kits

No mounting kit required, direct mounting

Mounting onto contactor

**B 6, BC 6, VB 6,  
VB 6A, VBC 6,  
VBC 6A, B 7,  
BC 7, VB 7, VB 7A,  
VBC 7, VBC 7A  
A 9, A 12, A 16**

**B 6, BC 6, VB 6,  
B 6A, VBC 6,  
VBC 6A  
B 7, BC 7, VB 7,  
VB 7A, VBC 7,  
VBC 7A**

**A 9 ... A 40  
BC 9 ... BC 30**

**A 30, A 40  
BC 30**

**A 50 ... A 75  
AE 50 ... AE 75**

### Mounting kits for single set-ups

Mounting kit			<b>DB 25</b>	<b>DB 80</b>	<b>DB 80</b>
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### Accessories


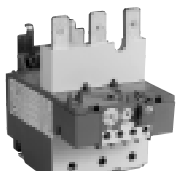
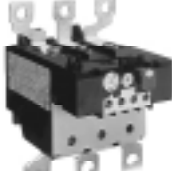

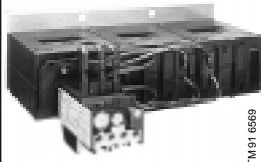
Remote tripping coil			<b>DS 25-A</b>		
Remote reset coil			<b>DR 25-A</b>		
Main terminal shroud	Terminal shroud integrated				
Identification marker	BA 5-50				

### Thermal/electronic overload relays for special application

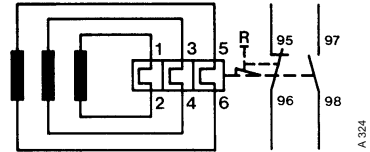
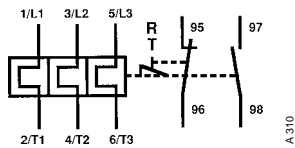
For motors with heavy starting	<b>E16 DU ... 20/30</b>				
For EEx e motor protection	on request	<b>T 7 DU</b>	<b>TA 25 DU ... V 1000</b>	<b>TA 42 DU ... V 1000</b>	<b>TA 75 DU ... V 1000</b>

# Thermal/electronic overload relays

## Overview

 PTM 91 6565	 SB 7398	 PTM 91 6571	 PTM 91 6570	 PTM 91 6569
<b>TA 80 DU</b>	<b>TA 110 DU</b>	<b>T / TA 200 DU</b>	<b>T / TA 450 DU/SU</b>	<b>T 900 DU/SU</b>

Three-pole, with temperature compensation and phase-failure protection  
1 NO + 1 NC build-in auxiliary contacts



Convertible Manual/Automatic

4	1	5	4	4
29 ... <b>42 A</b> 60 ... <b>80 A</b>	65 ... <b>90 A</b> 80 ... <b>110 A</b>	80 ... <b>110 A</b> 150 ... <b>200 A</b>	DU 130 ... <b>185 A</b> 285 ... <b>400 A</b>	SU 40 ... <b>60 A</b> 285 ... <b>400 A</b>
				265 ... <b>375 A</b> 610 ... <b>850 A</b>

Mounting possibilities onto contactors

No mounting kits required, direct mounting		AT 450/EH.../ DT 450/A	AT 900/EH ... <small>See Accessories, Page ?? and ??</small>
<b>A 95, A 110</b> <b>AE 95, AE 110</b>			
	<b>A 95, A 110</b> <b>AE 95, AE 110</b>		
		<b>T for EH 145</b> <b>EH 175</b> <b>EH 210</b> <b>TA for A 145, A 185</b>	
		<b>T for EH175+AT450/EH160</b> <b>EH 210 + AT 450/EH 160</b> <b>EH 260 + AT 450/EH 300</b> <b>EH 300 + AT 450/EH 300</b> <b>EH 370 + AT 450/EH 370</b> <b>TA for A 210</b> <b>A 260</b> <b>A 300</b>	
			<b>EH 370+AT 900/EH 370/550</b> <b>EH 550 + AT 900/EH 550</b> <b>EH 700 + AT 900/EH 700</b> <b>EH 800 + AT 900/EH 800</b>

Mounting kits for single set-ups

<b>DB 80</b>	<b>DB 200</b>	No mounting kits required	
		<b>DS 25-A</b>	<b>DS 25-A</b>
		<b>DR 25-A</b>	<b>DR 25-A</b>
Terminal shroud integrated	<b>LT 200 / LT 200 A</b>	<b>LT 450 -.</b>	<b>LT 900 -.</b>
	<b>BA 5-50</b>		
		<b>T 450 SU</b>	<b>T 900 SU</b>
<b>TA 80 DU ... V 1000</b>	<b>TA 110 DU ... V 1000</b>	<b>T/TA 200 DU ... V 1000</b>	<b>T/TA 450 DU/SU ... V 1000</b>
			<b>T 900 DU/SU ... V 1000</b>