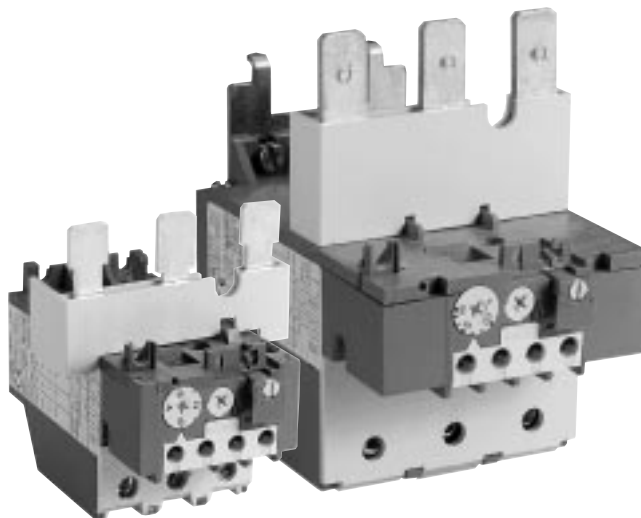




Overload relays

Type TA

Class 10



Description

- Available for starter construction with A Line contactors and separate panel mounting
- Designed for close couple mounting for 11 contactors, A9 – A110
- Separate base mounting available for all overload relays
- Class 10 adjustable overload relays are standard with all ABB Line starters
- Reset can also be adjusted to function as a stop button
- Screwdriver guide holes
- All terminal screws are available from the front
- UL File No: E48139
- CSA File No: LR98336
- Trip indication
- Remote trip and reset option available
- Single phase and phase unbalance protection
- Isolated alarm circuit (N.O.) contact
- Ambient compensation: -25°C to +55°C (-13°F to +131°F)
- Manual test
- Manual or automatic reset
- Factory calibrated and tested
- Wide adjustment range

Catalog number explanation

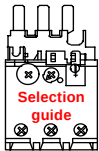
TA25DU 0.16

Frame size _____ Amp rating

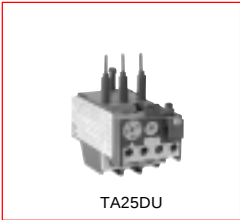
Index

- Features 3.1
- OLRs for A9 – A110 3.4
- Technical data 3.7
- Approximate dimensions 3.12

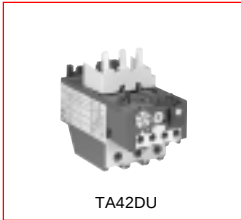
Selection guide
for Overload relays



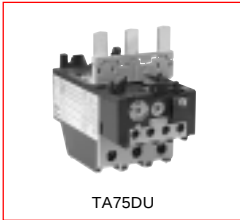
Thermal O/L relays



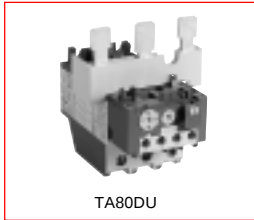
TA25DU



TA42DU



TA75DU



TA80DU

Types

Main characteristics

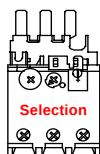
Construction	3 pole with ambient temperature compensation. Protection against single phase operation. Built in auxiliary contacts: 1N.O. + 1N.C. 			
Resetting	Convertible: Manual to Automatic			
Setting ranges	Number	18	3	6
	from to	0.1 – 0.16A 24 – 32A	18 – 25A 29 – 42A	18 – 25A 60 – 80A

Mounted with contactors

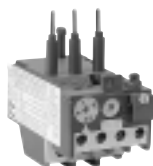
Mounting kit	No kit is required for mounting thermal O/L relays below contactors			
Types of contactors for combined mounting	A9 A12 A16 A26 A30 A40	BC9 BC16 BC18 BC25 BC30	A30 A40	A50 A63 A75 AE50 AE63 AE75
			A95 A110 AE95 AE110	

Mounted separately (i.e. separate from contactor)

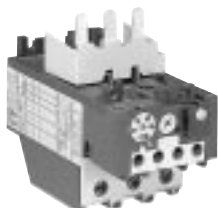
Separate mounting kit	DB25	DB80
Accessories		
Tripping coil	DS25-A	
Resetting coil	DR25-A	
Terminal shroud	Terminals protected against direct contact (without the addition of terminal shrouds)	
Function markers	BA5-50	



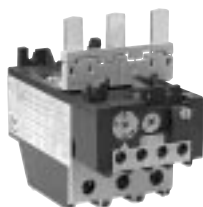
Type TA, Class 10 for Contactors A9 – A110



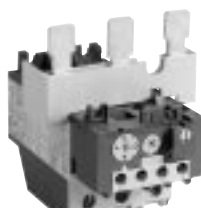
TA25DU



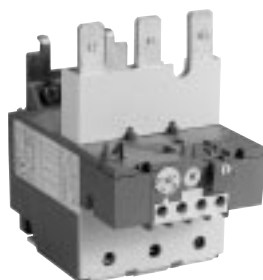
TA42DU



TA75DU



TA80DU



TA110DU

For contactor	Setting range A	Catalog number	
A9 – A40 BC9 – BC30 ^①	0.1 – 0.16	TA25DU0.16	
	0.16 – 0.25	TA25DU0.25	
	0.25 – 0.4	TA25DU0.4	
	0.4 – 0.63	TA25DU0.63	
	0.63 – 1.0	TA25DU1.0	
	1.0 – 1.4	TA25DU1.4	
	1.3 – 1.8	TA25DU1.8	
	1.7 – 2.4	TA25DU2.4	
	2.2 – 3.1	TA25DU3.1	
	2.8 – 4.0	TA25DU4.0	
	3.5 – 5.0	TA25DU5.0	
	4.5 – 6.5	TA25DU6.5	
	6.0 – 8.5	TA25DU8.5	
	7.5 – 11	TA25DU11	
	10 – 14	TA25DU14	
	13 – 19	TA25DU19	
	18 – 25	TA25DU25	
	24 – 32	TA25DU32	
A30 – A40	18 – 25	TA42DU25	
	22 – 32	TA42DU32	
	29 – 42	TA42DU42	
A(E)50 – A(E)75	18 – 25	TA75DU25	
	22 – 32	TA75DU32	
	29 – 42	TA75DU42	
	36 – 52	TA75DU52	
	45 – 63	TA75DU63	
A(E)95 – A(E)110	60 – 80	TA75DU80	
	29 – 42	TA80DU42	
	36 – 52	TA80DU52	
	45 – 63	TA80DU63	
	60 – 80	TA80DU80	
	65 – 90	TA110DU90	
	80 – 110	TA110DU110	

^① To select an overload relay for BC9 – BC30 contactors, delete the "A" from the catalog number. Ex.: BC9-30-01-04 contactors with setting range of 1.3 – 1.8: OLR catalog number will be T25DU1.8