

PRODUCT-DETAILS

TAL26-22-00RT 17-32V DC

TAL26-22-00RT 17-32V DC Contactor



General Information	
Extended Product Type	TAL26-22-00RT 17-32V DC
Product ID	1SBL243560R5100
EAN	3471522363411
Catalog Description	TAL26-22-00RT 17-32V DC Contactor
Long Description	TAL26 4-pole contactors are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces) and generally for controlling power circuits up to 690 V AC and 440 V DC. The contactors can also be used for many other applications such lighting The TALRT contactors are the Ring Tongue terminal version of the TAL range. The TAL series 4-pole contactors are of the block type design Main poles and auxiliary contact blocks: 2 N.O. + 2 N.C. main poles, front and side-mounted add-on auxiliary contact blocks - Control circuit: DC operated with solid core magnet circuit. The polarity on the coil terminals (A1+ and A2-) must be respected - Accessories: a wide range of accessories is available. TAL contactors are fitted with low consumption DC coils and offer a large coil voltage range.

1 piece
85364900

Popular Downloads		
Data Sheet, Technical Information	1SNC001003C0202	
Instructions and Manuals	1SBC101006M5501	

Dimension Diagram FPTE307905

Dimensions	
Product Net Width	54 mm
Product Net Depth / Length	110.6 mm
Product Net Height	90 mm
Product Net Weight	0.75 kg

Number of Main 2 Contacts NO Number of Main 2 Contacts NC Number of Auxiliary 0 Contacts NC Number of Auxiliary 0 Contacts NC Number of Auxiliary 0 Contacts NC Rated Operational Main Circuit 690 V Voltage 2 Conventional Free-air acc. to IEC 60947-4-1, Open Contactors q = 40 °C 45 A Thermal Current (Ith) Rated Operational (699 V) 50 °C 40 (690 V) 70 °C 32 Short-Circuit Protective (990 V) 55 °C 40 (690 V) 70 °C 32 Short-Circuit Protective (990 V) 50 °C 40 Devices (900 V) 50 °C 40 Rated Insulation Voltage (0-1) Rated Insulat		
Contacts NO Number of Main Contacts NC Number of Auxiliary Contacts NO Number of Auxiliary Contacts NO Number of Auxiliary Contacts NC Rated Operational Main Circuit 690 V Voltage Conventional Free-air Thermal Current (Ith) Rated Operational (699 V) 40 ° C4 5A Current AC-1 (Ie) (690 V) 10 ° C32 Short-Circuit Protective Devices Maximum Electrical (AC-1) 600 cycles per hour Switching Frequency Rated Insulation Voltage (In) Naximum Mechanical Switching Frequency Rated Insulation Voltage (Iuin) Naximum Mechanical Switching Frequency Rated Control Circuit Voltage (U ₁) Coil Consumption Pull-in DC (Umin / Umax) 2.7 / 9 W Operate Time Between Coil De-energization and NC Contact Opening 12 18 ms Between Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NO Contact Copening 12 18 ms Between Coil De-energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between Coil Energization and NO Contact Copening 12 18 ms Between C	Technical	
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Contacts NO Number of Auxiliary Contacts NC Rated Operational Voltage Conventional Free-air Thermal Current (Ith) Rated Operational Current AC-1 (Ie) Rated Operational Rated Insulation Protective Rated Insulation Voltage (Uimp) Raximum Mechanical Switching Frequency Rated Control Circuit College Current Rated Control Circuit R	Number of Main Contacts NC	2
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Voltage Conventional Free-air Thermal Current (lth) Rated Operational Current AC-1 (le) Rated Operational Rated Operational Rated Operational Rated Operational Rated Operational Rated Operational Rated Insulation Voltace Rated Insulation Voltage Rated Routing Frequency Rated Control Circuit PO Operation 17 32 V Rated Control Circuit PO Operation 17 32 V Rated Control Circuit PO Operation In DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.	Number of Auxiliary Contacts NC	0
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Current AC-1 (le) Short-Circuit Protective GG Type Fuses 50 A Devices Maximum Electrical Maximum Morth Collage (U inc) Maximum Morth Voltage Maximum Morth Voltage Maximum Morth M	Conventional Free-air Thermal Current (I _{th})	acc. to IEC 60947-4-1, Open Contactors $q = 40$ °C 45 A
Devices Maximum Electrical (AC-1) 600 cycles per hour Switching Frequency Rated Insulation Voltage acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V (U ₁) acc. to UL/CSA 600 V Rated Impulse 6 kV Withstand Voltage (U _{imp}) Maximum Mechanical 3600 cycles per hour Switching Frequency Rated Control Circuit DC Operation 17 32 V Voltage (U _c) Coil Consumption Holding DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Setween Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NC Contact Opening 25 15 ms Between Coil Energization and NC Contact Opening 25 15 ms Between Coil Energization and NC Contact Closing 18 28 ms Between Coil Energization and NC Contact Closing 18 28 ms Between Coil Energization and NC Contact Closing 19 18 ms Between Coil Energization and NC Contact Opening 25 15 ms Between Coil Energization and NC Contact Closing 55 110 ms Between Coil Energization and NC Contact Closing 55 110 ms Rigid Cable 1 6 mm² Rigid Cable 1	Rated Operational Current AC-1 (I _e)	(690 V) 55 °C 40
Switching Frequency Rated Insulation Voltage (Ui) acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V (Ui) acc. to UL/CSA 600 V Rated Impulse Withstand Voltage (U _{imp})) Maximum Mechanical Switching Frequency Rated Control Circuit Voltage (Uc) Coil Consumption DC Operation 17 32 V Voltage (Uc) Coil Consumption Between Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NC Contact Opening 25 75 ms Between Coil Energization and NC Contact Closing 18 28 ms Between Coil Energization and NC Contact Closing 18 28 ms Between Coil Energization and NC Contact Closing 15 110 ms Connecting Capacity Flexible with Cable Lug 1 6 mm² Rigid Cable 1 6 mm² Connecting Capacity Rigid or Flexible with Cable Lug 0.75 2.5 mm² Auxiliary Circuit Dconnecting Terminals (delivered in open position) Main Poles	Short-Circuit Protective Devices	gG Type Fuses 50 A
(Ui) acc. to UL/CSA 600 V Rated Impulse 6 kV Withstand Voltage (Uimp)) Maximum Mechanical 3600 cycles per hour Switching Frequency Rated Control Circuit DC Operation 17 32 V Voltage (Uc) Coil Consumption Holding DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Operate Time Between Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NC Contact Opening 12 18 ms Between Coil Energization and NC Contact Closing 55 110 ms Connecting Capacity Flexible with Cable Lug 1 6 mm² Rigid Cable 1 6 mm² Auxiliary Circuit Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 Connecting Terminals (delivered in open position) Main Poles	Maximum Electrical Switching Frequency	(AC-1) 600 cycles per hour
Withstand Voltage (U _{imp}) Maximum Mechanical 3600 cycles per hour Switching Frequency Rated Control Circuit DC Operation 17 32 V Voltage (U _c) Coil Consumption Holding DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Operate Time Between Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NC Contact Opening 12 18 ms Between Coil Energization and NC Contact Opening 25 75 ms Between Coil Energization and NC Contact Opening 25 75 ms Between Coil Energization and NO Contact Closing 55 110 ms Between Coil Energization and NO Contact Closing 55 110 ms Between Coil Energization and NO Contact Closing 55 125 mm² Auxiliary Circuit Rigid or Flexible with Cable Lug 0.75 2.5 mm² Auxiliary Circuit Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 Connecting Terminals (delivered in open position) Main Poles	Rated Insulation Voltage (U_i)	
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Voltage (Uc) Coil Consumption Holding DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Pull-in DC (Umin / Umax) 2.7 / 9 W Operate Time Between Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NC Contact Opening 12 18 ms Between Coil Energization and NC Contact Opening 25 75 ms Between Coil Energization and NO Contact Closing 55 110 ms Connecting Capacity Flexible with Cable Lug 1 6 mm² Rigid Cable 1 6 mm² Connecting Capacity Rigid or Flexible with Cable Lug 0.75 2.5 mm² Auxiliary Circuit Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 Connecting Terminals M 4 (+,-) pozidriv 2 screw with conic washer (delivered in open position) Main Poles	Maximum Mechanical Switching Frequency	3600 cycles per hour
Pull-in DC (Umin / Umax) 2.7 / 9 W Operate Time Between Coil De-energization and NC Contact Closing 18 28 ms Between Coil De-energization and NO Contact Opening 12 18 ms Between Coil Energization and NC Contact Opening 25 75 ms Between Coil Energization and NO Contact Closing 55 110 ms Connecting Capacity Flexible with Cable Lug 1 6 mm² Rigid Cable 1 6 mm² Connecting Capacity Auxiliary Circuit Degree of Protection Connecting Terminals M 4 (+,-) pozidriv 2 screw with conic washer (delivered in open position) Main Poles	Rated Control Circuit Voltage (U _c)	DC Operation 17 32 V
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Main Circuit Rigid Cable 1 6 mm² Connecting Capacity Rigid or Flexible with Cable Lug 0.75 2.5 mm² Auxiliary Circuit Degree of Protection acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 Connecting Terminals M 4 (+,-) pozidriv 2 screw with conic washer (delivered in open position) Main Poles	Operate Time	Between Coil De-energization and NO Contact Opening 12 18 ms Between Coil Energization and NC Contact Opening 25 75 ms
Auxiliary Circuit Degree of Protection Connecting Terminals (delivered in open position) Main Poles Acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 M 4 (+,-) pozidriv 2 screw with conic washer	Connecting Capacity Main Circuit	•
Connecting Terminals M 4 (+,-) pozidriv 2 screw with conic washer (delivered in open position) Main Poles	Connecting Capacity Auxiliary Circuit	Rigid or Flexible with Cable Lug 0.75 2.5 mm²
(delivered in open position) Main Poles	Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10
	Connecting Terminals (delivered in open position) Main Poles	M 4 (+,-) pozidriv 2 screw with conic washer
King-rongue reminas	Terminal Type	Ring-Tongue Terminals

Environmental	
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Ambient Air	Close to Contactor for Storage -60 +80 °C
Temperature	Near Contactor for Operation in Free Air -40 +55 $^{\circ}$ C
Climatic Withstand	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
Maximum Operating	3000 m

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Classifications

UNSPSC

Resistance to Shock acc.	Closed, Shock Direction: A 20 K40
to IEC 60068-2-27	Closed, Shock Direction: B1 15 K40
	Closed, Shock Direction: C1 20 K40
	Closed, Shock Direction: C2 14 K40
	Open, Shock Direction: A 10 K40
	Open, Shock Direction: B1 5 K40
	Open, Shock Direction: C1 8 K40
	Open, Shock Direction: C2 8 K40
	Shock Direction: B2 10 K40
RoHS Status	Following FU Directive 2011/65/FU

Certificates and Declarations (Document Number)		
CCC Certificate	CCC_2004010304112231	
CQC Certificate	CQC2004010304112231	
Declaration of Conformity - CCC	2020980304001611	
Declaration of Conformity - CE	1SBD250806U1000	
EAC Certificate	EAC_RU C-FR ME77 B01010	
Environmental Information	1SBD250122E1002	
GOST Certificate	GOST_POCCFRME77B07175	
Instructions and Manuals	1SBC101006M5501	
RoHS Information	1SBD250806U1000	

Container Information	
Package Level 1 Units	1 piece
Package Level 1 Width	100 mm
Package Level 1 Depth / Length	134 mm
Package Level 1 Height	62 mm
Package Level 1 Gross Weight	0.75 kg
Package Level 1 EAN	3471522363411
Package Level 2 Units	box 20 piece
Package Level 2 Gross Weight	15 kg

Object Classification Code	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371018

TAL26-22-00RT 17-32V DC

4

Categories

 $\textbf{Low Voltage Products and Systems} \rightarrow \textbf{Control Products} \rightarrow \textbf{Contactors} \rightarrow \textbf{Block Contactors}$

