



#### General ordering data

Order No.	1017100000
Part designation	WTD 6/1
Version	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190021948
Qty.	50 pc(s).

#### Product notes

Note, ordering data	TS32 version on request
Note, technical data	Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.
Product description	Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.
Function	without socket

#### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	2.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No

#### Additional technical data

No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Test-disconnect terminals

#### CSA rating data

Voltage (CSA)	300 V
CSA current	45 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 8

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 3.5
Blade size	4.0 x 0.8 mm
Tightening torque range	0.8...1.6 Nm
Torque level with DMS electric screwdriver	3
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	10 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	10 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	6 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm <sup>2</sup>
AWG conductor size, min.	AWG 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm <sup>2</sup>
AWG conductor size, max.	8.37 mm <sup>2</sup>

### Conductors for clamping (rated connection)

#### Dimensions

Width	7.9 mm
Height of lowest version	48.5 mm
Length	65 mm
TS 35 offset	32.5 mm

#### Disconnect terminals

Cross-disconnect	without
Integral test socket	No
Slitting	without
Torque level with DMS electric screwdriver	3

#### Rating data

Rated cross-section	6 mm <sup>2</sup>
Rated voltage	630 V
Rated impulse voltage	6 kV
Rated current	41 A
Standards	IEC 60947-7-1
Current with max. conductor	57 A
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
Current (UL)	45 A
Min. cross-section (UL)	AWG 20
Max. cross-section (UL)	AWG 8

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000902
ETIM 3.0	EC000902
eClass 4.1	27-14-11-26
eClass 5.0	27-14-11-26
eClass 5.1	27-14-11-26

#### Similar products

Order No.	Part designation	Version
1631780000	WTD 6/1 BL	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35

1934830000	WTD 6/1 EN	
1631760000	WTD 6/1 GE	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1017120000	WTD 6/1 GR	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1631750000	WTD 6/1 RT	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1631770000	WTD 6/1 SW	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1017200000	WTD 6/1/32	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 32