

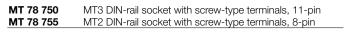
Accessories Multimode Relay MT

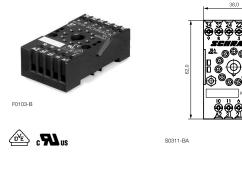
- Snap-on mounting on DIN-rail
- Screw mounting
- Pozidrive screws with rising clamp terminals
- Logical layout of input-/output connections
- White marking area



MT 78 750

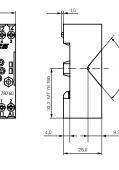
MT DIN-rail sockets with screw-type terminals





MT78 760 MT3 DIN-rail socket with screw-type terminals, 11-pin





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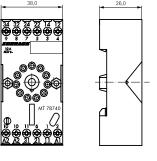
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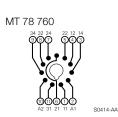
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MT 78 740MT3 DIN-rail socket with screw-type terminals, 11-pinMT 78 745MT2 DIN-rail socket with screw-type terminals, 8-pin



c**Al**us ______®





S0414-AB

MT 78 755

S0414-AC

Socket system MT 78 740 and MT 78 745 ■ 8/11 pin socket for MT2 / MT3

Double A2 screw for simple further connection of coil supply

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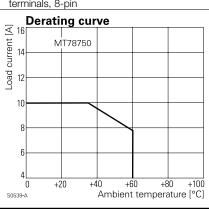
Accessories Multimode Relay MT (Continued)

Approvals VDE Cert. No. 40009096, cULus E135149

Technical data MT	78 750/755/760/740/745	
Rated voltage/Max. switching voltage AC	240/400 VAC	
Rated current	10 A	
Dielectric strength		
coil-contact circuit	2500 V _{rms}	
open contact circuit	1500 V _{rms}	
adjacent contact circuit	2500 V _{rms}	
Clearance / creepage coil-contact circuit	≥ 2.8/4 mm	
Material group of insulation parts	Illa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	basic	
open contact circuit	functional	
adjacent contact circ	uits basic	
Rated insulation voltage	250 V	
Pollution degree	2	
Rated voltage system	230/400 V	
Overvoltage category	III	
Material compliance: EU RoHS/ELV, China	a RoHS, REACH, Halogen content	
	ict Compliance Support Center at	
www.te.com/cus	stomersupport/rohssupportcenter	
Ambient temperature range	-20+80°C	
Terminals	screw	
Terminal screw torque acc. IEC 61984	0.5 Nm	
max.	0.7 Nm	
Wire strip length	9 mm	
Wire cross section		
single wire	2 x 2.5 mm ²	
fine wire	2 x 2.5 mm ²	
with bootlace crimp (DIN 46228/1)	2 x 1.5 mm ²	
Insertion cycles	A (10)	
Max. Insertion Force total	100 N	
Mounting distance	≥ 0 mm, dense packing	
Weight		

MT 78 750/760 54 g 47 g MT 78 755 MT 78 740 62 g 56 g MT 78 745 Packaging unit 25 pcs

DIN-rail sockets with screw-type terminals		
Туре		Part Number
MT 78 750	DIN-rail socket with screw-type	1415035-1
	terminals, 11-pin	
MT 78 755	DIN-rail socket with screw-type	3-1415035-1
	terminals, 8-pin	
MT 78 760	DIN-rail socket with screw-type	8-1415034-1
	terminals, 11-pin	
MT 78 740	DIN-rail socket with screw-type	8-1393163-3
	terminals, 11-pin	
MT 78 745	DIN-rail socket with screw-type	8-1393163-4
	torminale 8-nin	



Accessories for MT 78 750, MT 78 755, MT 78 760, MT 78 740, MT 78 745

Туре		Part Number
MT 28 800	Metal retaining clip MT	8-1393163-0

LED and Protection modules for MT 78 740, MT 78 745 Type Part Number

MTM U0 730 RC-network 110230 VAC 7-1393163-8	
MTM L0 024 red LED 24 VAC / VDC 7-1393163-4	



Function modules for MT 78 740, MT 78 745

Туре	Part Number
MTM ZO WOO Delay ON	7-1393163-9
MTM F0 W00 Multifunction	7-1393163-3
Frank	R CE MARK

Technical data - Function modules

Nominal voltage	24240 VDC / VAC		
Mains frequency	4863 Hz		
Precision of time setting	+ 0.5 %		
Readiness for repetition	≤ 0.5 % or 5 ms		
Influence of temperature	≤ 0.1 %/°C		
Time range switchable 0.05s240h in 8 ranges			
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content			
refer to the Product Compliance Support Center at			
www.te.com/customersupport/rohssupportcenter			
Ambient temperature rang	ge -25+55°C		

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2

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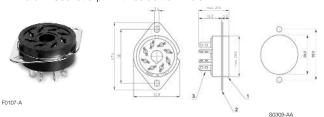
Accessories Multimode Relay MT (Continued)

Function modules for MT 78 740, MT 78 745

Function	
Delay ON	V 201 17-01 17-01 18-01
	U/t
	R
Delay OFF	U/t _
	S
	R
single shot leading edge	U/t
	S
	R
single shot trailing edge	U/t
	S
Delay ON	NAME OF A CONTRACT
triggerd by signal contact	U/t
	B
single shot	U/t
	B
	N
flasher starting with pause	
3	U/t
flasher starting with pulse	U/t
	B.

MT Sockets for PCB and with solder terminals MT 78 602/603/612/613

MT 78 612 Socket 8-pin with solder terminals



MT 78 613 Socket 11-pin with solder terminals



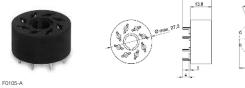




MT Sockets for PCB and with solder terminals

MT 78 602/603/612/613 (continued) MT 78 602 Socket 8-pin with PCB terminals







S0309-AC

MT 78 603 Socket 11-pin with PCB terminals







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Technical data	MT78 602/603/612/613	
Rated voltage/Max. switching voltage AG	C 240/400 VAC	
Rated current	10 A	
Dielectric strength		
coil-contact circuit	2500 V _{rms}	
open contact circuit	1500 V _{rms}	
adjacent contact circuits	2500 V _{rms}	
Clearance / creepage coil-contact circui	t ≥ 2.8/4 mm	
Material group of insulation parts	Illa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	basic	
open contact circui	t functional	
adjacent contact ci	rcuits basic	
Rated insulation voltage	250 V	
Pollution degree	2	
Rated voltage system	230/400 V	
Overvoltage category		
Material compliance: EU RoHS/ELV, Chi	na RoHS, REACH, Halogen content	
refer to the Proc	duct Compliance Support Center at	
www.te.com/c	ustomersupport/rohssupportcenter	
Ambient temperature range	-40+70°C	
Terminals	pcb, solder terminals	
Insertion cycles	A (10)	
Max. Insertion Force total	100 N	

A (10)	
Max. Insertion Force total	100 N
Mounting distance	≥ 0 mm, dense packing
Resistance to soldering heat	270°C/10s
Weight	7 g
Packaging unit	25 pcs

Sockets with solder and PCB terminals		
Туре		Part Number
MT 78 612	Socket 8-pin with solder terminals	7-1415043-1
MT 78 613	Socket 11-pin with solder terminals	8-1415043-1
MT 78 602	Socket 8-pin with PCB terminals	9-1415043-1
MT 78 603	Socket 11-pin with PCB terminals	1415044-1

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