

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



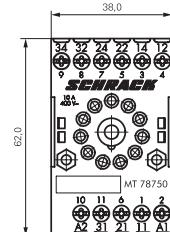
F0235-B

MT DIN-rail sockets with screw-type terminals

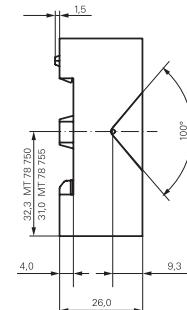
MT 78 750 MT3 DIN-rail socket with screw-type terminals, 11-pin
MT 78 755 MT2 DIN-rail socket with screw-type terminals, 8-pin



F0103-B



S0311-BA

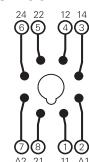


MT 78 750

MT 78 755



S0414-AB

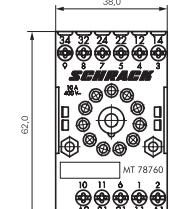


S0414-AC

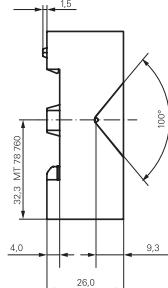
MT78 760 MT3 DIN-rail socket with screw-type terminals, 11-pin



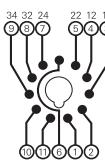
F0103-B



S0311-BB



MT 78 760

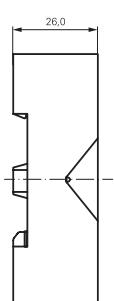
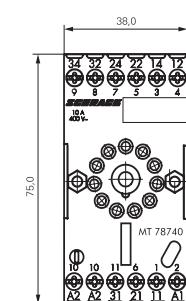


S0414-AA

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



F0200-B



S0366-A

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

Accessories Multimode Relay MT (Continued)

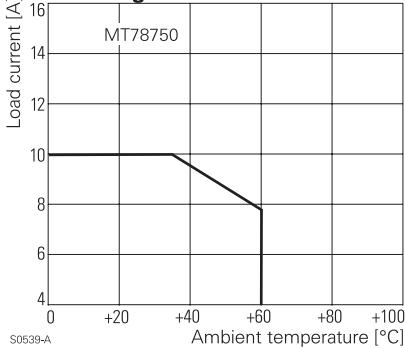
Approvals

VDE Cert. No. 40009096, cULus E135149

Technical data	MT8 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	IIIa
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit	basic
open contact circuit	functional
adjacent contact circuits	basic
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230/400 V
Oversupply category	III
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 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
MT 78 755	47 g
MT 78 740	62 g
MT 78 745	56 g
Packaging unit	25 pcs

DIN-rail sockets with screw-type terminals

Type	Part Number
MT 78 750	DIN-rail socket with screw-type terminals, 11-pin
MT 78 755	1415035-1
MT 78 760	DIN-rail socket with screw-type terminals, 8-pin
MT 78 740	3-1415035-1
MT 78 740	DIN-rail socket with screw-type terminals, 11-pin
MT 78 745	8-1415034-1
MT 78 745	DIN-rail socket with screw-type terminals, 11-pin

Derating curve


Accessories Multimode Relay MT (Continued)

Function modules for MT 78 740, MT 78 745

Function

Delay ON



Delay OFF



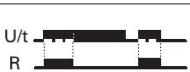
single shot leading edge



single shot trailing edge


 Delay ON
triggered by signal contact


single shot



flasher starting with pause



flasher starting with pulse



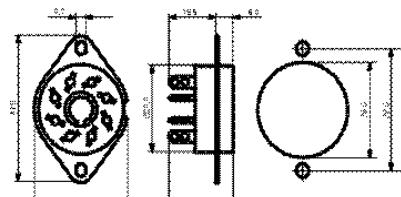
MT Sockets for PCB and with solder terminals

MT 78 602/603/612/613

MT 78 612 Socket 8-pin with solder terminals



F0107-A

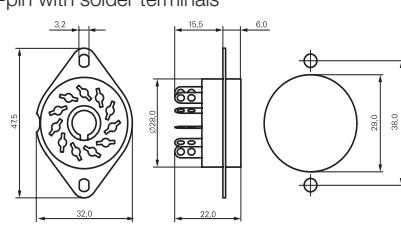


S0309-AA

MT 78 613 Socket 11-pin with solder terminals



F0104-A



S0309-AB

MT Sockets for PCB and with solder terminals

MT 78 602/603/612/613 (continued)

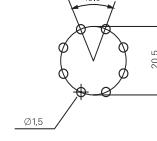
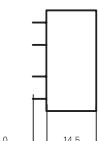
MT 78 602 Socket 8-pin with PCB terminals



F0105-A



4.0



S0309-AC

MT 78 603 Socket 11-pin with PCB terminals



F0106-A



4.0



S0309-AD

Technical data

MT78 602/603/612/613

Rated voltage/Max. switching voltage AC 240/400 VAC

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 circuit ≥ 2.8/4 mm

Material group of insulation parts IIIa

Insulation to IEC 60664-1

Type of insulation coil-contact circuit basic

open contact circuit functional

adjacent contact circuits basic

Rated insulation voltage 250 V

Pollution degree 2

Rated voltage system 230/400 V

Overvoltage category III

 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 range -40...+70°C

Terminals pcb, solder terminals

Insertion cycles 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

Type 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[8-1393163-4](#) [MT78745](#)