Accessories Multimode Relay MT

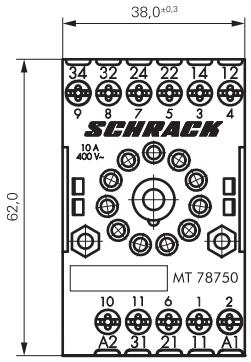
- **Snap-on mounting on DIN-rail**
- **Screw mounting**
- **Pozidrive screws with rising clamp terminals**
- **Logical layout of input-/output connections**
- **White marking area**
- **Din-rail sockets and accessories: RoHS compliant (Directive 2002/95/EC)**



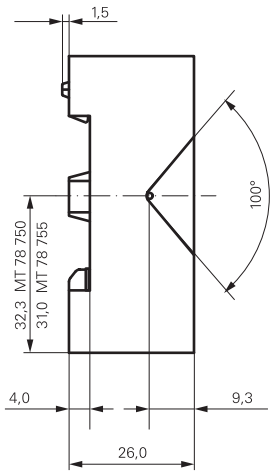
MT DIN-rail sockets with screw-type terminals

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

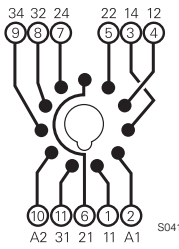




S0311-BA

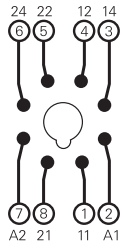


MT 78 750



S0414-AB

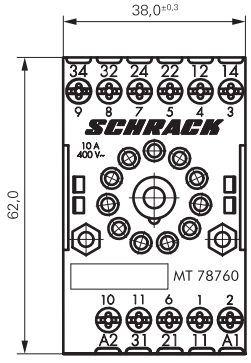
MT 78 755



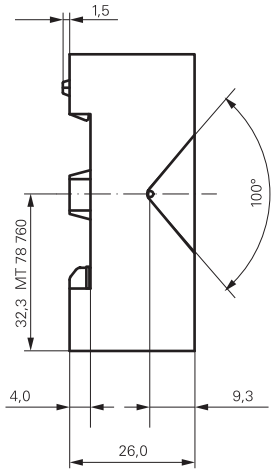
S0414-AC

MT 78 760 MT3 DIN-rail socket with screw-type terminals, 11-pin

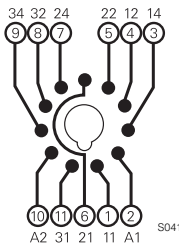




S0311-BB



MT 78 760



S0414-AA

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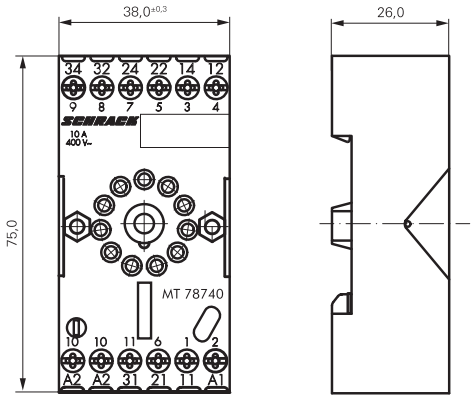
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Accessories Multimode Relay MT (Continued)

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

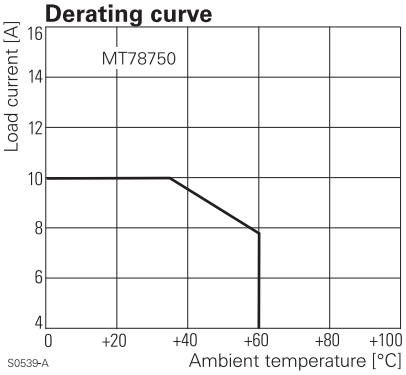
Socket system MT 78 740 and MT 78 745
- 8/11 pin socket for MT2 / MT3
- Double A2 screw for simple further connection of coil supply

Approvals

VDE REG.-Nr. 6182, 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 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
RoHS - Directive 2002/95/EC	
DIN-rail sockets and retainers:	compliant
Ambient temperature range	-20...+80°C
Terminals	screw
Terminal screw torque acc. IEC 61984	0.5 Nm
max.	0.7 Nm
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, 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

Derating curve



S0539-A

DIN-rail sockets with screw-type terminals

Type		Part Number
MT 78 750	DIN-rail socket with screw-type terminals 11-pin	1415035-1
MT 78 755	DIN-rail socket with screw-type terminals 8-pin	3-1415035-1
MT 78 760	DIN-rail socket with screw-type terminals 11-pin	8-1415034-1
MT78 740	DIN-rail socket with screw-type terminals, 11-pin	8-1393163-3
MT78 745	DIN-rail socket with screw-type terminals, 8-pin	8-1393163-4

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Accessories Multimode Relay MT (Continued)

Accessories for MT 78 750, MT 78 755, MT 78 760, MT 78 740, MT 78 745		
Type		Part Number
MT 28 800	Metal retaining clip MT	8-1393163-0



F0201-B

LED and Protection modules for MT 78 740, MT 78 745		
Type		Part Number
MTM T0 0A0	Protection diode 1N4007 (A1+, A2-)	7-1393163-6
MTM U0 730	RC-network 110...230 VAC	7-1393163-8
LED		
MTM L0 024	red LED 24 VAC / VDC	7-1393163-4

Function modules for MT 78 740, MT 78 745		
Type		Part Number
MTM Z0 W00	Delay ON	7-1393163-9
MTM F0 W00	Multifunction	7-1393163-3



F0203-B



F0204-B

Technical data - Function modules	
Nominal voltage	24...240 VDC / VAC
Mains frequency	48...63 Hz
Precision of time setting	+ 0,5 %
Readiness for repetition	≤ 0,5 % or 5 ms
Influence of temperature	≤ 0,1 %/°C
Time range switchable	0,05s...240h in 8 ranges
RoHS - Directive 2002/95/EC	compliant as per product date code 0515
Ambient temperature	-25...+55 °C

Function modules for MT 78 740, MT 78 745	
Function	
Delay ON	
Delay OFF	
single shot leading edge	
single shot trailing edge	
Delay ON triggerd by signal contact	
single shot	
flasher starting with pause	
flasher starting with pulse	

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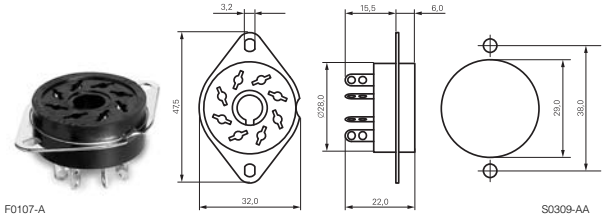
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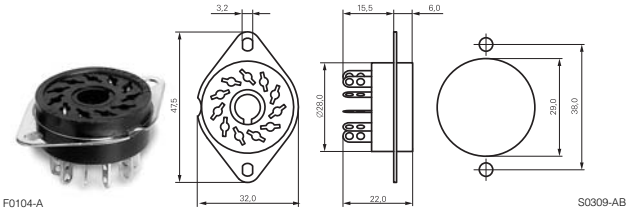
Accessories Multimode Relay MT (Continued)

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

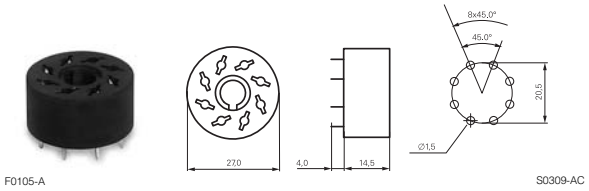
MT 78 612 Socket 8-pin with solder terminals



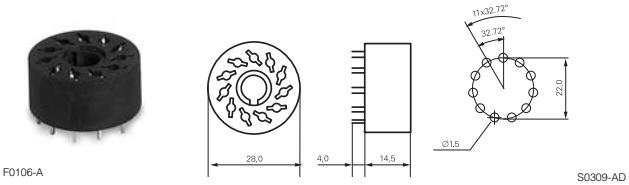
MT 78 613 Socket 11-pin with solder terminals



MT 78 602 Socket 8-pin with PCB terminals



MT 78 603 Socket 11-pin with PCB terminals



Technical data	MT 78 602/603/612/613
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 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
Pollution degree	2
Rated voltage system	230 / 400
Overvoltage category	III
RoHS - Directive 2002/95/EC	
MT 78 602, MT 78 603	compliant as per product date code 0517
MT 78 612, MT 78 613	compliant as per product date code 0543
Ambient temperature range	-40...+70°C
Terminals	pcb, solder teminals
Insertion cycles	A (10)
Max. Insertion Force total	100 N
Mounting distance	≥ 0, dense packing
Resistance to soldering heat	270°C / 10 s
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

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Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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