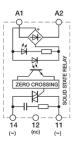
## XCM1T024





## 1 solid state relay 24Vdc zero crossing 3A-(AC) screw, pluggable

Type   CM1T024     HS code   85364190     NPUT TECHNICAL DATA	Series	СМ
Fis code   85364190     NPUT TECHNICAL DATA   24 Vdc (range 19.528.5 Vdc)     Pull in / drop out voltage type   19.2 V / 1 V     Current consumption   25 mA ±10% at 24 Vdc     Turn ON / OFF time   11 ms / 11 ms (at 50 Hz)     Frequency   30100 Hz max     Connection terminal   2.5 mm² screw     mput channels   1 pluggable     DUTPUT TECHNICAL DATA   2     Contact type   24.2 Vdc) at 30°C     Contact type   3A (24 Vdc) at 30°C     Connection terminal   3 A (24 Vdc) at 30°C     Continuous current   3 A (24 Vdc) at 30°C     Connection type   5 mA     SENERAL TECHNICAL DATA   20+80°C (derating -0.05 A/°C over 30°C)     put / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Divervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm <approximate td="" weight<="">     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   10</approximate>	Code	XCM1T024
NPUT TECHNICAL DATA     input rated voltage   24 Vdc (range 19.528.5 Vdc)     Pull in / drop out voltage type   19.2 V / 1 V     Courrent consumption   25 mA ±10% at 24 Vdc     Turn ON / OFF time   11 ms / 11 ms (at 50 Hz)     Frequency   30100 Hz max     Connection terminal   2.5 mm² screw     input factorial   2.5 mm² screw     opt Frequency   24 Vdc (at 30 °C     Contact type   zero crossing triac     DUTPUT TECHNICAL DATA   Contact type     Contact type   zero crossing triac     Dutput voltage   48280 Vac     Nominal current   3 A (24 Vdc) at 30°C     Connection type   Sema     Seneration type   series concolored to the schema s	Туре	CM1T024
nput rated voltage24 Vdc (range 19.528.5 Vdc)Pull in / drop out voltage type19.2 V / 1 VCurrent consumption25 mA ±10% at 24 VdcTum ON / OFF time11 ms / 11 ms / (at 50 Hz)Frequency30100 Hz maxConnection terminal2.5 mm² screwinput channels1 pluggableDUTPUT TECHNICAL DATA2ero crossing triacContact type2ero crossing triacOutput voltage48280 VacNominal current3 A (24 Vdc) at 30°CContinuous current120 A for 10 msLeakage current with signal 05 mAConnection type5BENERAL TECHNICAL DATA25 KVac / 60 sDiperating temperature range-20+80°C (derating -0.05 A/°C over 30°C)put put put put solation2.5 KVac / 60 sProtection degreeIP 20Overvoltage category / pollution degreeII / 2Status indicationLED "Input"Housing materialUL94V-0 plastic materialDimensions (LKHXD)16x75x68 mmApproximate weight54 gMounting informationon a rail, side by sideACCESSORIES400405Plugin jumperCMB16B (8 poles)	HS code	85364190
Pull in / drop out voltage type   19.2 V / 1 V     Current consumption   25 mA ±10% at 24 Vdc     Turn ON / OFF time   11 ms / 11 ms (at 50 Hz)     Frequency   30100 Hz max     Connection terminal   2.5 mm² screw     input channels   1 pluggable     DUTPUT TECHNICAL DATA   2000000000000000000000000000000000000	INPUT TECHNICAL DATA	
Current consumption25 mA ±10% at 24 VdcTurn ON / OFF time11 ms / 11 ms (at 50 Hz)Frequency30100 Hz maxConnection terminal2.5 mm² screwmput channels1 pluggableDUTPUT TECHNICAL DATAContact typeContact typezero crossing triacDutput voltage48280 VacNominal current3 A (24 Vdc) at 30°CConnection type5 mAConnection type5 mASENERAL TECHNICAL DATA5 mADeparating temperature range-20+80°C (derating -0.05 A/*C over 30°C)nput / output isolation2.5 kVac / 60 sProtection degreeIP 20Divervoltage category / pollution degreeII / 2Status indicationLED "Input"Housing materialUL94V-0 plastic materialDimensions (LxHxD)16x75x68 mmApproximate weight54 gMounting informationon a rail, side by sideACCESSORIESMarking tagBare part relay8904405Plugin jumperCMB168 (8 poles)	Input rated voltage	24 Vdc (range 19.528.5 Vdc)
Innr ON / OFF time11 ms / 11 ms (at 50 Hz)Frequency30100 Hz maxConnection terminal2.5 mm² screwnput channels1 pluggableDUTPUT TECHNICAL DATAZero crossing triacContact typeZero crossing triacOutput voltage48280 VacNominal current3 A (24 Vdc) at 30°CConnection typeSereer crossing triacContinuous current120 A for 10 msLeakage current with signal 05 mAConnection typeSeneer constant of 0.05 A/°C over 30°C)SENERAL TECHNICAL DATADevention tipeSENERAL TECHNICAL DATASeneer constant of 0.05 A/°C over 30°C)Operating temperature range-20+80°C (derating -0.05 A/°C over 30°C)Input / output isolation2.5 kVac / 60 sProtection degreeIP 20Overvoltage category / pollution degreeII / 2Status indicationLED "Input"Housing materialUL94V-0 plastic materialDimensions (LxHxD)16x75x68 mmApproximate weight54 gMounting informationon a rail, side by sideACCESSORIESWounting rail (IEC60715/TH35-7.5)Marking tagalready mountedSpare part relay8904405Plugin jumperCMB168 (8 poles)	Pull in / drop out voltage type	19.2 V / 1 V
Frequency   30100 Hz max     Connection terminal   2.5 mm² screw     Input channels   1 pluggable     DUTPUT TECHNICAL DATA   Zero crossing triac     Contact type   zero crossing triac     Output voltage   48280 Vac     Nominal current   3 A (24 Vdc) at 30°C     Continuous current   120 A for 10 ms     Leakage current with signal 0   5 mA     Connection type   SENERAL TECHNICAL DATA     Operating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Wounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB168 (8 poles)	Current consumption	25 mA ±10% at 24 Vdc
2.5 mm² screw     nput channels   1 pluggable     DUTPUT TECHNICAL DATA   2ero crossing triac     Dutput voltage   48280 Vac     Nominal current   3 A (24 Vdc) at 30°C     Contact type   2ero crossing triac     Dutput voltage   48280 Vac     Nominal current   3 A (24 Vdc) at 30°C     Contact type   5 mA     Connection type   5 mA     SENERAL TECHNICAL DATA   20+80°C (derating -0.05 A/°C over 30°C)     Operating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     SENERAL TECHNICAL DATA   25 kVac / 60 s     Operating temperature range   -10 NS     Settes indication   2.5 kVac / 60 s     Protection degree   IP 20     Divervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   2     Marking tag   already mounted     Spare part relay   8904405	Turn ON / OFF time	11 ms / 11 ms (at 50 Hz)
Input channels1 pluggableDUTPUT TECHNICAL DATAzero crossing triacContact typezero crossing triacDutput voltage48280 VacNominal current3 A (24 Vdc) at 30°CContinuous current120 A for 10 msLeakage current with signal 05 mAConnection typeSENERAL TECHNICAL DATAOperating temperature range-20+80°C (derating -0.05 A/°C over 30°C)Input / output isolation2.5 kVac / 60 sProtection degreeIP 20Overvoltage category / pollution degreeII / 2Status indicationLED "Input"Housing materialUL94V-0 plastic materialDimensions (LxHXD)16x75x68 mmApproximate weight54 gMounting informationon a rail, side by sideACCESSORIESWounting rail (IEC60715/TH35-7.5)PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZBMarking tagalready mountedSpare part relay8904405Plugin jumperCMB16B (8 poles)	Frequency	30100 Hz max
DUTPUT TECHNICAL DATA     Contact type   zero crossing triac     Dutput voltage   48280 Vac     Nominal current   3 A (24 Vdc) at 30°C     Continuous current   120 A for 10 ms     Leakage current with signal 0   5 mA     Connection type   5     SENERAL TECHNICAL DATA   20+80°C (derating -0.05 A/°C over 30°C)     Operating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     nput / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Dovervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Connection terminal	2.5 mm <sup>2</sup> screw
Contact typezero crossing triacDutput voltage48280 VacNominal current3 A (24 Vdc) at 30°CContinuous current120 A for 10 msLeakage current with signal 05 mAConnection typeSENERAL TECHNICAL DATAOperating temperature range-20+80°C (derating -0.05 A/°C over 30°C)nput / output isolation2.5 kVac / 60 sProtection degreeIP 20Overvoltage category / pollution degreeII / 2Status indicationLED "Input"Housing materialUL94V-0 plastic materialDimensions (LxHxD)16x75x68 mmApproximate weight54 gMounting informationon a rail, side by sideACCESSORIESMarking tagMarking tagalready mountedSpare part relay8904405Plugin jumperCMB16B (8 poles)	Input channels	1 pluggable
Dutput voltage   48280 Vac     Nominal current   3 A (24 Vdc) at 30°C     Continuous current   120 A for 10 ms     Leakage current with signal 0   5 mA     Connection type   5     SENERAL TECHNICAL DATA   20+80°C (derating -0.05 A/°C over 30°C)     Dyperating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     nput / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Divervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   4000000000000000000000000000000000000	OUTPUT TECHNICAL DATA	
Showinal current   3 A (24 Vdc) at 30°C     Continuous current   120 A for 10 ms     Leakage current with signal 0   5 mA     Connection type   5     GENERAL TECHNICAL DATA   -20+80°C (derating -0.05 A/°C over 30°C)     Dyperating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     Input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Contact type	zero crossing triac
Continuous current   120 A for 10 ms     Leakage current with signal 0   5 mA     Connection type   5     GENERAL TECHNICAL DATA   -20+80°C (derating -0.05 A/°C over 30°C)     Dyperating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     Input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Output voltage	48280 Vac
Leakage current with signal 0   5 mA     Connection type   5 mA     GENERAL TECHNICAL DATA   -20+80°C (derating -0.05 A/°C over 30°C)     Deperating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     Input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Wounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Nominal current	3 A (24 Vdc) at 30°C
Connection type     GENERAL TECHNICAL DATA     Operating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     Input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Continuous current	120 A for 10 ms
SERERAL TECHNICAL DATA     Operating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Marking tag     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Leakage current with signal 0	5 mA
Operating temperature range   -20+80°C (derating -0.05 A/°C over 30°C)     Input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Divervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Wounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Connection type	
input / output isolation   2.5 kVac / 60 s     Protection degree   IP 20     Divervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	GENERAL TECHNICAL DATA	
Protection degree   IP 20     Dvervoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Operating temperature range	-20+80°C (derating -0.05 A/°C over 30°C)
Overvoltage category / pollution degree   II / 2     Status indication   LED "Input"     Housing material   UL94V-0 plastic material     Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Input / output isolation	2.5 kVac / 60 s
Status indication LED "Input"   Housing material UL94V-0 plastic material   Dimensions (LxHxD) 16x75x68 mm   Approximate weight 54 g   Mounting information on a rail, side by side   ACCESSORIES Mounting rail (IEC60715/TH35-7.5)   Marking tag already mounted   Spare part relay 8904405   Plugin jumper CMB16B (8 poles)	Protection degree	IP 20
Housing material UL94V-0 plastic material   Dimensions (LxHxD) 16x75x68 mm   Approximate weight 54 g   Mounting information on a rail, side by side   ACCESSORIES Mounting rail (IEC60715/TH35-7.5)   Marking tag already mounted   Spare part relay 8904405   Plugin jumper CMB16B (8 poles)	Overvoltage category / pollution degree	II / 2
Dimensions (LxHxD)   16x75x68 mm     Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Status indication	LED "Input"
Approximate weight   54 g     Mounting information   on a rail, side by side     ACCESSORIES   Mounting rail (IEC60715/TH35-7.5)     Marking tag   already mounted     Spare part relay   8904405     Plugin jumper   CMB16B (8 poles)	Housing material	UL94V-0 plastic material
Mounting information on a rail, side by side   ACCESSORIES   Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB   Marking tag already mounted   Spare part relay 8904405   Plugin jumper CMB16B (8 poles)	Dimensions (LxHxD)	16x75x68 mm
ACCESSORIES Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC, PR/3/AS, PR/3/AS/ZB Marking tag already mounted Spare part relay 8904405 Plugin jumper CMB16B (8 poles)	Approximate weight	54 g
Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB   Marking tag already mounted   Spare part relay 8904405   Plugin jumper CMB16B (8 poles)	Mounting information	on a rail, side by side
Marking tag already mounted   Spare part relay 8904405   Plugin jumper CMB16B (8 poles)	ACCESSORIES	
Spare part relay 8904405   Plugin jumper CMB16B (8 poles)	Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Plugin jumper CMB16B (8 poles)	Marking tag	already mounted
	Spare part relay	8904405
APPROVALS AND MARKINGS	Plugin jumper	CMB16B (8 poles)
	APPROVALS AND MARKINGS	٢¢



\* Pluggable relay\* DC input voltage\* Compact dimensions\* Available plug-in jumper for potential distribution 1 Manufacturer and model of the relay is not binding, technical data are to be considered typical

## DESCRIZIONE DEL PRODOTTO

Solid state relay modules single channel, input rated: 24 Vdc (range 19.5...28.5 Vdc), input chanals: 1 pluggable, contact type: zero crossing triac