







8 electromechanical relay 24Vac/dc SPDT 16A, screw, pluggable

| HS code 85364190 INPUT TECHNICAL DATA Input rated voltage 24 Vac/dc ±10% Pull in / drop out voltage type 16.8 V / 2.4 V Current consumption 22 mA ±10% Turn ON / OFF time 10 ms / 5 ms Protection circuit Free-wheel diode, Reverse polarity Connection terminal 2.5 mm² screw type and 16 poles connector Input channels 8 plugable OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 g Mounting information 0 na rail, side by side ACCESSORIES Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AS/ZB, PR/3/PA/ZB Spare part relay 8904073 POSSORIES PR/3/PP, PR/3/PP/ZB, PR/3/PA/ZB Spare part relay 8904073 Spare part relay 8904073 POSSORIES PR/3/PP/ZB, PR/3/PA/ZB Spare part relay 8904073 PUID 10 | Series | |
|---|---|---|
| NPUT TECHNICAL DATA | Code | XR081EAD |
| INPUT TECHNICAL DATA | Туре | R81EAD |
| Input rated voltage | HS code | 85364190 |
| Pull in / drop out voltage type 16.8 V / 2.4 V Current consumption 22 mA ± 10% Turn ON / OFF time 10 ms / 5 ms Protection circuit Free-wheel diode, Reverse polarity Connection terminal 2.5 mm² screw type and 16 poles connector Input channels 8 pluggable OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range Input / output isolation 2.5 kVac / 60 s Protection degree Il / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) Approximate weight Mounting information no a rail, side by side ACCESSORIES Mounting rail (IEC60715/TH35-1.5) PR/3/PC, PR/3/PC/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | INPUT TECHNICAL DATA | |
| Current consumption 22 mA ±10% Turn ON / OFF time 10 ms / 5 ms Protection circuit Free-wheel diode, Reverse polarity Connection terminal 2.5 mm² screw type and 16 poles connector Input channels 8 pluggable OUTPUT TECHNICAL DATA SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Contact type 9.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LXHXD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA/ZB Spare part relay | Input rated voltage | 24 Vac/dc ±10% |
| Turn ON / OFF time 10 ms / 5 ms Protection circuit Free-wheel diode, Reverse polarity 2.5 mm² screw type and 16 poles connector Input channels 8 pluggable OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) Approximate weight 345 g Mounting information no na rail, side by side ACCESSORIES Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC, PR/3/AS, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Pull in / drop out voltage type | 16.8 V / 2.4 V |
| Protection circuit Connection terminal 2.5 mm² screw type and 16 poles connector Input channels 8 pluggable OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LXHxD) Approximate weight 345 g Mounting information ACCESSORIES Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Current consumption | 22 mA ±10% |
| Connection terminal 2.5 mm² screw type and 16 poles connector Input channels 8 pluggable OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material Dimensions (LXHxD) Approximate weight 345 g Mounting information ACCESSORIES Mounting rail (IEC60715/TH35-7.5) PR/3/PC, PR/3/AC, PR/3/AS, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Turn ON / OFF time | 10 ms / 5 ms |
| Input channels OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSnO2 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 g Mounting information ACCESSORIES Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Protection circuit | Free-wheel diode, Reverse polarity |
| OUTPUT TECHNICAL DATA Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Connection terminal | 2.5 mm² screw type and 16 poles connector |
| Contact type SPDT, 1 form C, AgSn02 Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LXHXD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Input channels | 8 pluggable |
| Nominal current 16 A (250 Vac) Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LXHXD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | OUTPUT TECHNICAL DATA | |
| Continuous current 16 A Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Contact type | SPDT, 1 form C, AgSnO2 |
| Connection type 2.5 mm² screw type GENERAL TECHNICAL DATA -20+70°C Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Nominal current | 16 A (250 Vac) |
| GENERAL TECHNICAL DATA | Continuous current | 16 A |
| Operating temperature range -20+70°C Input / output isolation 2.5 kVac / 60 s Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Connection type | 2.5 mm² screw type |
| Input / output isolation | GENERAL TECHNICAL DATA | |
| Protection degree IP 00 Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Operating temperature range | -20+70°C |
| Overvoltage category / pollution degree II / 2 Status indication LED "DC OK" / LED "Relay" Housing material UL94V-0 plastic material Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Input / output isolation | 2.5 kVac / 60 s |
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| Housing material UL94V-0 plastic material | Overvoltage category / pollution degree | II / 2 |
| Dimensions (LxHxD) 137x93x75 mm Approximate weight 345 g Mounting information on a rail, side by side ACCESSORIES PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Status indication | LED "DC OK" / LED "Relay" |
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| 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 Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Dimensions (LxHxD) | 137x93x75 mm |
| Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | Approximate weight | 345 g |
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| Mounting rail (IEC60715/TH35-15) PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB Spare part relay 8904073 | ACCESSORIES | |
| Spare part relay 8904073 | Mounting rail (IEC60715/TH35-7.5) | PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB |
| | Mounting rail (IEC60715/TH35-15) | PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB |
| APPROVALS AND MARKINGS (€, | Spare part relay | 8904073 |
| | APPROVALS AND MARKINGS | CE, |



- * Pluggable relay* AC/DC input voltage* SPDT contact* Allow PNP and NPN command 1 Manufacturer and model of the relay is not binding, technical data are to be considered typical

DESCRIZIONE DEL PRODOTTO

R81EAD 8 electromechanical relay 24Vac/dc SPDT 16A, screw, pluggable