

Реле безопасности с принудительным контактом

Технические характеристики

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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

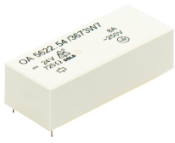
Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ddo@nt-rt.ru || сайт: <https://dold.nt-rt.ru/>

Safety relays OA 5622



- Contact equipping: 6
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,4
- Protection type: RT III (wash-tight)
- Size L x W x H: 55 x 22 x 15,5 mm

Safety relays OA 5623



- Contact equipping: 8
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,8 - 1,2
- Protection type: RT III (wash-tight)
- Size L x W x H: 67 x 22 x 15,8 mm

Safety relays OA 5621



- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,4
- Protection type: RT III (wash-tight)
- Size L x W x H: 46,5 x 22 x 15,5 mm

Safety relays OA 5669



- Contact equipping: 2
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,8 - 1,6
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 29 x 13 x 25,5 mm

Safety relays OA 5669/3____



- Contact equipping: 2
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,4
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 29 x 13 x 25,5 mm

Safety relays OA 5667



- Contact equipping: 2
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,3
- Protection type: RT II (flux-proof relay)
- Size L x W x H: 37 x 25 x 10,8 mm

Safety relays, reinforc. insulation OA 5667/____4



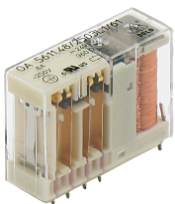
- Contact equipping: 2
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,3
- Protection type: RT II (flux-proof relay)
- Size L x W x H: 27 x 25 x 10,8 mm

Safety relays OA 5670



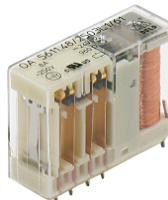
- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,4
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 35 x 13 x 25,5 mm

Safety relays OA 5611



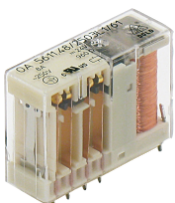
- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,4
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 41,9 x 14,5 x 30,5 mm

Safety relays, sensitiv OA 5611/____S



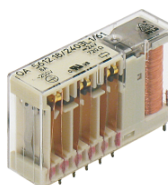
- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,8
- Protection type: RT II (flux-proof relay)
- Size L x W x H: 41,9 x 14,5 x 30,35 mm

Safety relays, according DIN EN 50578 OA 5611/31__L1



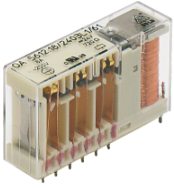
- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,4
- Protection type: RT II (flux-proof relay)
- Size L x W x H: 41,9 x 14,5 x 30,5 mm

Safety relays OA 5612



- Contact equipping: 6
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,4
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 51,5 x 14,5 x 30,5 mm

Safety relays, sensitiv OA 5612/____S



- Contact equipping: 6
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,8
- Protection type: RT II (flux-proof relay)
- Size L x W x H: 51,5 x 14,5 x 30,35 mm

Safety relays with double contacts OA 5621_D



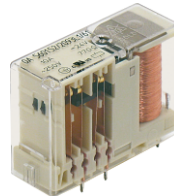
- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,2
- Protection type: RT III (wash-tight)
- Size L x W x H: 46,5 x 22 x 15,5 mm

Safety relays with double contacts OA 5622_D



- Contact equipping: 6
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,2
- Protection type: RT III (wash-tight)
- Size L x W x H: 55 x 22 x 15,5 mm

Safety relays OA 5601



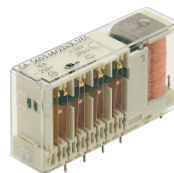
- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,6
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 57 x 20 x 39,5 mm

Safety relays OA 5602



- Contact equipping: 6
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,6
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 67 x 20 x 39,5 mm

Safety relays OA 5603



- Contact equipping: 8
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,6
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 77,1 x 20 x 39,5 mm

Safety relays, according DIN EN 50578 OA 5603/39_L1



- Contact equipping: 8
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,75 - 1,4
- Protection type: RT II (flux-proof relay), optional RT III (wash-tight)
- Size L x W x H: 77,1 x 20 x 39,5 mm

Safety relays OA 5642



- Contact equipping: 2
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,6
- Protection type: RT III (wash-tight)
- Size L x W x H: 26,6 x 25 x 10,3 mm

Safety relays OA 5643



- Contact equipping: 3
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,6
- Protection type: RT III (wash-tight)
- Size L x W x H: 34,2 x 25 x 10,3 mm

Safety relays OA 5644



- Contact equipping: 4
- Nominal voltage: DC 6 - 110 V
- Voltage Range UN: 0,7 - 1,6
- Protection type: RT III (wash-tight)
- Size L x W x H: 41,7 x 25 x 10,3 mm

Relay socket ET 1415.011



- For relay type: OA 5601

Relay socket ET 1415.012



- For relay type: OA 5602

Relay socket ET 1415.013



- For relay type: OA 5603

Relay socket ET 1415.031



- For relay type: OA 5611

Relay socket ET 1415.032



- For relay type: OA 5612

Relay socket ET 1415.035



- For relay type: OA 5621

Relay socket ET 1415.037



- For relay type: OA 5622

Relay socket ET 1415.034



- For relay type: OA 5670

Forcibly guided contacts type A and type B

Relays with forcibly guided contacts are differentiated into two different types. Type A describes relays where all contacts are mechanically interconnected. Type B relays have both mechanically interconnected contacts and non-mechanically interconnected contacts.

Relays available in different designs, contacts and materials

Dold safety relays are available in upright and horizontal designs and offer up to 8 mechanically forcibly guided contacts. With different designs, contact materials and, if required, partially equipped contact sets, we offer you maximum flexibility. The types OA 5601, OA 5602 and OA 5603 with 4, 6 and 8 contacts respectively enable limit currents of up to 10 A. You can choose between single contacts and double contacts for demanding tasks with the OA 5621 and OA 5622 relays. With Dold safety relays, you simply always switch safely and reliably.

Relays with mechanically forcibly guided contacts are used, among other things, in safety relay modules or control systems. The simplicity of use makes safety relays the ideal component, since faults can be detected without major circuitry effort due to the positive guidance of normally closed and normally open contacts. In these safety-relevant applications, special attention is paid not only to the high switching reliability but also to the compact design.



The OA 5642, OA 5643 and OA 5644 relay families, which are extremely flat at 10.3 mm and have 2, 3 and 4 contacts respectively, take account of the desire for ever smaller and more compact components. The limits of miniaturization of electromechanical relays are essentially set by the required clearance and creepage distances.

Dold safety relays are known for their robustness and reliability and are also extremely energy-efficient. The sensitive version of the OA 5643 relay with three contacts can boast a rated power of only 330 mW.

Sockets for PCB mounting are available for almost all safety relays. These allow the safety relays to be replaced quickly during preventive maintenance. In addition, plug-in sockets for rail mounting are also available. Typical areas of application are:

- Railroad technology
- Elevator controls
- Firing technology
- Automation, process technology
- Medical devices
- Conveyor technology

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