7S Series Mun. Finderius. Com





UL Listed - 75 Series module with forcibly guided contacts

Finder's 7S Series has been specifically designed to meet the increasingly stringent safety standards now being imposed on designers and manufacturers of electrical systems. They are particularly suited to applications such as plant, process and machine guarding, safety circuits, emergency stop circuits and critical monitoring circuits.

FINDER products have a wide range of quality approvals with great switching performance. Compliant with the CE directive, IEC standards and the RoHS directive.

CE















(I) CULUS VDE











ISO 9001:2008



When safety is paramount and required to conform to increasing amounts of new legislation, Finder's 7S Series forcibly guided contact relays offer a competitively priced and compact solution for designers and engineers who require confirmation of the functional integrity of critical circuitry.

Class A forcibly guided contacts rated at 6A, 250VAC and conforming to EN50205 requirements, make the 7S Series suitable for many safety related applications.

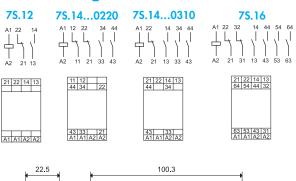
The screwless terminals allow for quick, vibration-resistant connections. The availability of 2, 4 and 6 pole versions make the relays suitable for a wide range of uses in machine and plant control systems and energy generation, as well as water supply and treatment. Utilizing materials that comply with UNI 11170-3 for fire and smoke characteristics, and meeting the requirements of EN 61373 and

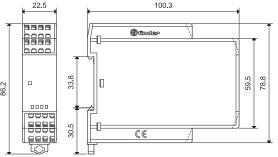
EN50155 for mechanical and climatic characteristics also ensure they are suitable for railway applications.

The supply voltage range includes AC and DC with the DC vesions having an extended operating range spanning 0.7 to 1.25 of the nominal voltage. Standard gold-plated or notched crown contacts provide high reliability switching, with a minimum load rating of 60mW.

Meeting the requirements of EN 13849-1 for functional reliability in machines and plant engineering, the 7S Series relays are housed in compact 22.5mm rail mounting enclosures equipped with quick-connect cage clamp terminals and LED coil status indication. A total of 4 contact configurations are available.

Contact Diagrams







Coil Data

DC coil data - type 7S.12

		/1				
N	ominal	Coil	Operating range		Rated	Rated
v	oltage	code			input current	power
					at U _N	at U _N
	U_N		U_{min}	U _{max}	I _N	
	V		V	V	mA	W
	12	9 .012	9.6	14.4	55	0.7
	24	9 .024	16.8	30	38.2	0.9
	48	9 .048	38.4	57.6	15.2	0.7
	60	9 .060	48	72	11.9	0.7

AC coil data - type 7S.12

110125	8 .120	93	138	9.5	1.1/1
230240	8 .230	195	264	9	2/0.8

DC coil data - type 7S.14 / 7S.16

12	9 .012	9.6	14.4	56	0.7
24	9 .024	16.8	30	28	0.7
48	9 .048	38.4	57.6	13.5	0.7
60	9 .060	48	72	11	0.7
110	9 .110	77	138	9.2	0.7

AC coil data - type 7S.14 / 7S.16

110125	8 .120	93	138	8.9	1.1/0.9	
230240	8 .230	195	264	8.5	2/0.8	





Your authorized Finder Distributor

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