ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

C E R T I F I C A T E

No. Z10 075157 0016 Rev. 01

Holder of Certificate: **Pizzato Elettrica s.r.l.**
Via Torino 1
36063 Marostica (VI)
ITALY

Certification Mark:

Product: **Safety components**
Safety control unit
CS FS-2x/3x/5x

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: **PM98602T**

Valid until: 2027-05-12

Date, 2022-05-13

(Christian Dirmeier)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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No. Z10 075157 0016 Rev. 01

Parameters:

Supply Voltage:	24 V DC ±15%
	120 V AC ±15%
Power consumption:	5 VA max AC
	2 W max DC
Output switching current (max):	4 A
Output switching power (max):	1380 VA
Working temperature:	-25°C...+55°C
Storage temperature:	-25°C...+70°C
IP code:	20 Terminals, 40 Housing

Tested according to:

EN ISO 13849-1:2015 (up to PL d, Cat. 3)
EN 61508-1:2010 (SIL 2)
EN 61508-2:2010 (SIL 2)
EN 61508-3:2010 (SIL 2)
EN IEC 62061:2021

Nomenclature of CS FS-2x/3x/5x

Delay ON timer
CS-FS 2wXY-aazzz
zzz : fixed or f.s. time (operating time)

Delay OFF timer
CS-FS 3wXY-aazzz
zzz : fixed or f.s. time (releasing time)

Delay OFF timer at the opening of the input channels
CS-FS 5wXY-aazzz
zzz : releasing time tA or f.s.

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w- delay time
w = 0: fixed time or custom selectable delay version (together with TSzzz option)
w = 1: max 3 sec. adjustable in 10 steps by 0.3 sec
w = 2: max 10 sec. adjustable in 10 steps by 1 sec
w = 3: max 30 sec. adjustable in 10 steps by 3 sec
w = 4: max 300 sec. adjustable in 10 steps by 30 sec

X- connection type
X = V: screw terminals
X = M: connector with screw terminals
X = X: connector with spring terminals

Y- Voltage supply
Y = U24: 24 Vdc +/- 15%
Y = 120: 120 Vac +/-15% (B1-B2) and 24 Vdc +/-15% (A1-A2)
aa = TF: fixed time (on fixed time models only)
aa = TS: selectable full scale time (on special f.s. versions only)

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