

Hrušovany u Brna - technologická budova, Rnn

Tecomat TC700

Tabulky signálů, měření a povelů

| | | | |
|----------|----------------|--------------|----------------|
| Editace: | 06.12.2019 v01 | ASDU: | 233 |
| | | IP: | 10.20.61.114 |
| | | Zkrác.název: | ZS/SP HU zs_hu |

modré písmo - vzorce v tabulce-nepřepisovat!

žluté podb. - signály kratší než 50ms

šedé podb. - klidový kontakt

zelené podb. - změna oproti předchozí verzi

oranž podb. - ke kontrole, k doplnění

Automatiky PLC:

| Hrušovany u Brna - technologická budova, Rnn, Tecomat TC700 | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------|--------------------------|--------|------|----|---------------|-------|------|-----------|-------|-----|---------|-------|---------------------------|---------------------|----------------------|----|--|--|--|-------|
| R0,P6,DI | | sk.A | | | | | | | | | | | | | | | | | | | | |
| č. | název | Techn. | | | | PS | | | | PS v Teco | | | | TC700 | | ED říđ.systém a MRS | | | | | | zprac |
| | | pole | svork. | kabel | bar. | | svork. | kabel | bar. | svork. | vstup | sv. | adr.IEC | typ | název říđ.systém | typ | sdružený sig./zprac. | ED | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 1 | UNZ-2.připojka (UTE/UTS/UV2) napětí OK | UNZ | X110:2 | | 5 | PS | X2.1:8/X2:7 | WS101 | 1b | X99:1 | DI0 | A2 | 1 | 30 | UNZ PRIV2 TRAKCE NAP | P | | x | | | | |
| 2 | UNZ-1.připojka (UV/UV1) napětí OK | UNZ | X110:3 | | 6 | PS | X2.1:10/X2:9 | WS101 | 1m | X99:2 | DI1 | A3 | 2 | 30 | UNZ PRIV1 VEREJNA SIT NAP | P | | x | | | | |
| 3 | UNZ-napájení z 2.připojky (UTE/UTS/UV2) | UNZ | X110:4 | | 7 | PS | X2.1:12/X2:11 | WS101 | 2b | X99:3 | DI2 | A4 | 3 | 30 | UNZ Z TRAKCE | O | /jen prot | x | | | | |
| 4 | UNZ-napájení z 1.připojky (UV/UV1) | UNZ | X110:5 | | 8 | PS | X2.1:14/X2:13 | WS101 | 2o | X99:4 | DI3 | A5 | 4 | 30 | UNZ Z VEREJNE SITE | O | /jen prot | x | | | | |
| 5 | UNZ-sběrnice S50D,S50DE napájena (kap.bat.-3h) | UNZ | X110:6 | | 9 | PS | X2.1:16/X2:15 | WS101 | 3b | X99:5 | DI4 | A6 | 5 | 30 | UNZ U50D NAP | P | | x | | | | |
| 6 | UNZ-sběrnice S50N napájena (nezáloh.výst-30s) | UNZ | X110:7 | | 10 | PS | X2.1:18/X2:17 | WS101 | 3z | X99:6 | DI5 | A7 | 6 | 30 | UNZ U50N NAP | P | | x | | | | |
| 7 | UNZ-pref napáj. z 2.připojky (UTE/UTS/UV2) | je | UNZ | X110:8 | 11 | PS | X2.1:20/X2:19 | WS101 | 4b | X99:7 | DI6 | A8 | 7 | 31 | UNZ PREF Z TRAKCE | Or | | x | | | | |
| 8 | UNZ-pref napáj. z 2.připojky (UTE/UTS/UV2) | není | UNZ | X110:9 | 12 | PS | X2.1:22/X2:21 | WS101 | 4h | X99:8 | DI7 | A9 | | | | | | x | | | | |
| 9 | UNZ-sběrnice S50NR napájena (nezáloh.výst-30s) | UNZ | X110:13 | | 13 | PS | X2.1:22/X2:23 | WS101 | 5b | X99:9 | DI8 | A12 | 9 | 30 | UNZ U50NR NAP | P | | x | | | | |
| 10 | UNZ-měníč GS1B činný | UNZ | X110:14 | | 14 | PS | X2.1:26/X2:25 | WS101 | 5š | X99:10 | DI9 | A13 | 10 | 30 | UNZ MENIC GS1B POR | Pi | | x | | | | |
| 11 | UNZ-bypass 2 na výstupu 50Hz B zapnutý | UNZ | X110:15 | | 15 | PS | X2.1:28/X2:27 | WS101 | 8r | X99:11 | DI10 | A14 | 11 | 30 | UNZ U50B BYPASS | V | | x | | | | |
| 12 | UNZ-sběrnice S50D2,S50DE2 napájena (kap.bat.-3h) | UNZ | X110:16 | | 16 | PS | X2.1:30/X2:29 | WS101 | 8z | X99:12 | DI11 | A15 | 12 | 30 | UNZ U50D2 NAP | P | | x | | | | |
| 13 | RH.1 QF1 | V | RH.1 | X3:26 | | PS | X3:22 | WS101 | 9r | X99:13 | DI12 | A16 | 13 | 31 | | | | x | | | | |
| 14 | | Z | RH.1 | X3:27 | | PS | X3:23 | WS101 | 9h | X99:14 | DI13 | A17 | | | | | | x | | | | |
| 15 | RH.1 QF1 ovl a sign nap 230VAC ztr | | RH.1 | X3:29 | | PS | X3:24 | WS101 | 10r | X99:15 | DI14 | A18 | 15 | 30 | | | | x | | | | |
| 16 | RH sběrna nap | je | RH.1 | X3:32 | | PS | X3:25 | WS101 | 10š | X99:16 | DI15 | A19 | 16 | 30 | | | | x | | | | |
| 17 | RH.1 QF1 místně (přep na kobce) | | RH.1 | X3:34 | | PS | X3:26 | WS101 | 11č | X99:17 | DI16 | B2 | 17 | 30 | | | | x | | | | |
| 18 | RH.1 QF1 vypnutí nadproudovou spouští | IMP | RH.1 | X3:37 | | PS | X3:28 | WS101 | 11m | X99:18 | DI17 | B3 | 18 | 30 | | | | x | | | | |
| 19 | RH přepětíová ochrana působení | | RH.1 | X3:39 | | PS | X3:29 | WS101 | 12č | X99:19 | DI18 | B4 | 19 | 30 | | | | x | | | | |
| 20 | RLC nebezpečná tepl tlumivky (suma) - vyp tlum | | RLC | XS:4 | | PS | X3:31 | WS101 | 12o | X99:20 | DI19 | B5 | 20 | 30 | | | | x | | | | |
| 21 | RZN výpadek vývodového jističe 230V AC | | RZN | XS:4 | | PS | X3:34 | WS101 | 13č | X99:21 | DI20 | B6 | 21 | 30 | | | | x | | | | |
| 22 | RZN sběrna nap | je | RZN | XS:5 | | PS | X3:33 | WS101 | 13z | X99:22 | DI21 | B7 | 22 | 30 | | | | x | | | | |
| 23 | RU podpětí - nízké nap baterie | není | RU | XS:4 | | PS | X3:16 | WS101 | 14č | X99:23 | DI22 | B8 | 23 | 30 | | | | x | | | | |
| 24 | RU přepětí - vysoké nap baterie | není | RU | XS:6 | | PS | X3:17 | WS101 | 14h | X99:24 | DI23 | B9 | 24 | 30 | | | | x | | | | |
| 25 | RU zemní spojení | není | RU | XS:8 | | PS | X3:18 | WS101 | 15č | X99:25 | DI24 | B12 | 25 | 30 | | | | x | | | | |
| 26 | RU sumární porucha | není | RU | XS:10 | | PS | X3:19 | WS101 | 15š | X99:26 | DI25 | B13 | 26 | 30 | | | | x | | | | |
| 27 | RU výpadek výstupního jističe 24V | | RU | XS:12 | | PS | X3:20 | WS101 | 16z | X99:27 | DI26 | B14 | 27 | 30 | | | | x | | | | |
| 28 | | | | | | PS | | WS101 | 16m | X99:28 | DI27 | B15 | | 30 | | | | | | | | |
| 29 | Vstup m.Rnn (paměť.r.) | | DvK01, DvK04 DvK02 | | | PS | X4:10 | WS101 | 17z | X99:29 | DI28 | B16 | 29 | 30 | | | | x | | | | |
| 30 | Vstup m.Rvn (paměť.r.) | | | | | PS | X4:17 | WS101 | 17o | X99:30 | DI29 | B17 | 30 | 30 | | | | x | | | | |
| 31 | Vstup m.trafo 22/0,4kV (paměť.r.) | | DvK03 | | | PS | X4:21 | WS101 | 18z | X99:31 | DI30 | B18 | 31 | 30 | | | | x | | | | |
| 32 | PS signalizační nap 24VDC OK | - | - | - | - | PS | X2:6 | WS101 | 18z | X99:32 | DI31 | B19 | 32 | 30 | | | | x | | | | |

| | | | | | | | | | | | | |
|-------------|-------|-----|--------|--|---|----|------|-------|------|--------|--|--|
| Spol. +24V: | z Tc: | UNZ | X110:1 | | 4 | PS | X2:1 | WS101 | 7r,o | X99:35 | | |
| | | | | | | | | | | X99:36 | | |
| Spol. -24V: | z Tc: | | | | | PS | X2:4 | WS101 | 6r,m | X99:33 | | |
| | | | | | | | | | | X99:34 | | |

| Hrušovany u Brna - technologická budova, Rnn, Tecomat TC700 | | | | | | | | | | | | | | | | | | | |
|---|---|-----------|--------|-------|------|----|--------|-------|------|-----------|-------|-------|---------|---------------------|-----------------------------|-----|----------------------|----------|--|
| R0.P7.DI sk.A | | | | | | | | | | | | | | | | | | | |
| č. | název | Techn. | | | | PS | | | | PS v Teco | | TC700 | | ED říd.systém a MRS | | | | zprac ED | |
| | | pole | svork. | kabel | bar. | | svork. | kabel | bar. | svork. | vstup | sv. | adr.IEC | typ | název říd.systém | typ | sdružený sig./zprac. | | |
| 33 | Rez (EZS požární čidla alarm je) | EZS | | WS105 | 1b | - | - | - | - | X99:37 | DI0 | A2 | 33 | | ZS/SP HU... | | ZS/SP HU... | | |
| 34 | Rez (EZS narušení objektu alarm je) | EZS | | WS105 | 1m | - | - | - | - | X99:38 | DI1 | A3 | 34 | | | | | | |
| 35 | Rez (EZS porucha ústředny je) | EZS | | WS105 | 3b | - | - | - | - | X99:39 | DI2 | A4 | 35 | | | | | | |
| 36 | Rez (EZS odkódováno) | EZS | | WS105 | 3z | - | - | - | - | X99:40 | DI3 | A5 | 36 | | | | | | |
| 37 | | | | | | | | | | X99:41 | DI4 | A6 | | | | | | | |
| 38 | | | | | | | | | | X99:42 | DI5 | A7 | | | | | | | |
| 39 | | | | | | | | | | X99:43 | DI6 | A8 | | | | | | | |
| 40 | | | | | | | | | | X99:44 | DI7 | A9 | | | | | | | |
| 41 | | | | | | | | | | X99:45 | DI8 | A12 | | | | | | | |
| 42 | | | | | | | | | | X99:46 | DI9 | A13 | | | | | | | |
| 43 | | | | | | | | | | X99:47 | DI10 | A14 | | | | | | | |
| 44 | | | | | | | | | | X99:48 | DI11 | A15 | | | | | | | |
| 45 | | | | | | | | | | X99:49 | DI12 | A16 | | | | | | | |
| 46 | | | | | | | | | | X99:50 | DI13 | A17 | | | | | | | |
| 47 | | | | | | | | | | X99:51 | DI14 | A18 | | | | | | | |
| 48 | | | | | | | | | | X99:52 | DI15 | A19 | | | | | | | |
| 49 | | | | | | | | | | X99:53 | DI16 | B2 | | | | | | | |
| 50 | | | | | | | | | | X99:54 | DI17 | B3 | | | | | | | |
| 51 | | | | | | | | | | X99:55 | DI18 | B4 | | | | | | | |
| 52 | | | | | | | | | | X99:56 | DI19 | B5 | | | | | | | |
| 53 | | | | | | | | | | X99:57 | DI20 | B6 | | | | | | | |
| 54 | | | | | | | | | | X99:58 | DI21 | B7 | | | | | | | |
| 55 | | | | | | | | | | X99:59 | DI22 | B8 | | | | | | | |
| 56 | | | | | | | | | | X99:60 | DI23 | B9 | | | | | | | |
| 57 | | | | | | | | | | X99:61 | DI24 | B12 | | | | | | | |
| 58 | | | | | | | | | | X99:62 | DI25 | B13 | | | | | | | |
| 59 | | | | | | | | | | X99:63 | DI26 | B14 | | | | | | | |
| 60 | | | | | | | | | | X99:64 | DI27 | B15 | | | | | | | |
| 61 | | | | | | | | | | X99:65 | DI28 | B16 | | | | | | | |
| 62 | RDRT switch č.1 (AFS660) R22kV+Rnn+UO status OK | RDRT | U1,R:1 | - | - | - | - | - | - | X99:66 | DI29 | B17 | 62 | 30 | RDRT R22+RNN SWITCH POR | Pi | kompl.zpozd.10s | x | |
| 63 | RDRT, přívod 230VAC nap OK | RDRT, KA2 | ka2:14 | - | - | - | - | - | - | X99:67 | DI30 | B18 | 63 | 30 | TC700 PW PRIVOD 230V AC ZTR | Vi | /jen prot | x | |
| 64 | RDRT, přívod 24VDC nap OK | RDRT, KA1 | ka1:14 | - | - | - | - | - | - | X99:68 | DI31 | B19 | 64 | 30 | TC700 PW PRIVOD 24V DC ZTR | Vi | /jen prot | x | |

| | | | | | | | | | | | | |
|-------------|-------|------|--------|-------|------|---|---|---|---|--------|--|--|
| Spol. +24V: | z Tc: | EVS | KA1:4 | SW105 | 2b,o | | | | | X99:71 | | |
| | | RDRT | U1,R:2 | - | - | - | - | - | - | X99:72 | | |
| Spol. -24V: | z Tc: | | | | | | | | | X99:69 | | |
| | | | | | | | | | | X99:70 | | |

Pozn.: 27.11.2019 při fc zk: ústředna EVS je v DK. V Rnn (kde je Teco) je jen rozšiřující modul. Signaliyace by se musela tahat z DK a signály by byly za celou stanici. Proto nerealizováno. Kabel ponechán, ale nezapojen na žádné straně.

Hrušovany u Brna - technologická budova, Rnn, Tecomat TC700

| Hrušovany u Brna - technologická budova, Rnn, Tecomat TC700 | | | | | | | | | | | | | | | | | | |
|---|--|----------------|--------|---------|------|--------|-------|-------------|--------|-----------|--------|---------|-----|---------------------------------|----|--|---|-------------|
| R0,P10,DO sk.A | | | | | | | | | | | | | | | | | | |
| č. | název | Techn. pole | svork. | kabel | bar. | PS | | | | PS v Teco | | TC700 | | ED říd.systém a MRS | | | | zprac ED |
| | | | | | | svork. | kabel | bar. | svork. | výstup | sv. | adr.IEC | typ | název říd.systém ZS/SP HU... | | | | |
| 1 | UNZ-pref napáj. z 2.přípojky (UTE/UTS/UV2) | V | UNZ | X110:12 | | 3 | PS | X1.1:4/X1:7 | WS103 | 3b | X98:1 | DO0 | A2 | 2001 | 46 | | x | |
| 2 | | Z | UNZ | X110:11 | | 2 | PS | X1.1:2/X1:6 | WS103 | 3z | X98:2 | DO1 | A3 | | | | x | |
| 3 | RH.1 QF1 | V | RH.1 | X3:24 | | | PS | X1.1:8/X1:9 | WS103 | 4b | X98:3 | DO2 | A4 | 2003 | 46 | | x | |
| 4 | | Z | RH.1 | X3:22 | | | PS | X1.1:6/X1:8 | WS103 | 4h | X98:4 | DO3 | A5 | | | | x | |
| 5 | | | | | | | | | WS103 | 5b | X98:5 | DO4 | A7 | | | | | |
| 6 | | | | | | | | | WS103 | 5š | X98:6 | DO5 | A8 | | | | | |
| 7 | | | | | | | | | WS103 | 6r | X98:7 | DO6 | A9 | | | | | |
| 8 | | | | | | | | | WS103 | 6m | X98:8 | DO7 | A10 | | | | | |
| 9 | | | | | | | | | WS103 | 7r | X98:9 | DO8 | A12 | | | | | |
| 10 | | | | | | | | | WS103 | 7o | X98:10 | DO9 | A13 | | | | | |
| 11 | | | | | | | | | WS103 | 8r | X98:11 | DO10 | A14 | | | | | |
| 12 | | | | | | | | | WS103 | 8z | X98:12 | DO11 | A15 | | | | | |
| 13 | | | | | | | | | WS103 | 9r | X98:13 | DO12 | A17 | | | | | |
| 14 | | | | | | | | | WS103 | 9h | X98:14 | DO13 | A18 | | | | | |
| 15 | Reset paměťových relé | - | - | - | - | | PS | X4:13 | WS103 | 10r | X98:15 | DO14 | A19 | 2015 | 45 | | x | |
| 16 | | | | | | | | | WS103 | 10š | X98:16 | DO15 | A20 | | | | | |
| R0,P11,DO sk.A | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | X98:21 | DO0 | A2 | | | | | |
| 18 | | | | | | | | | | | X98:22 | DO1 | A3 | | | | | |
| 19 | | | | | | | | | | | X98:23 | DO2 | A4 | | | | | |
| 20 | | | | | | | | | | | X98:24 | DO3 | A5 | | | | | |
| 21 | | | | | | | | | | | X98:25 | DO4 | A7 | | | | | |
| 22 | | | | | | | | | | | X98:26 | DO5 | A8 | | | | | |
| 23 | | | | | | | | | | | X98:27 | DO6 | A9 | | | | | |
| 24 | | | | | | | | | | | X98:28 | DO7 | A10 | | | | | |
| 25 | | | | | | | | | | | X98:29 | DO8 | A12 | | | | | |
| 26 | | | | | | | | | | | X98:30 | DO9 | A13 | | | | | |
| 27 | | | | | | | | | | | X98:31 | DO10 | A14 | | | | | |
| 28 | | | | | | | | | | | X98:32 | DO11 | A15 | | | | | |
| 29 | | | | | | | | | | | X98:33 | DO12 | A17 | | | | | |
| 30 | | | | | | | | | | | X98:34 | DO13 | A18 | | | | | |
| 31 | | | | | | | | | | | X98:35 | DO14 | A19 | | | | | |
| 32 | | | | | | | | | | | X98:36 | DO15 | A20 | | | | | |

230V AC!
230V AC!

| | | | | | | | | | | | | |
|-------------|-------|-------------|------------------|--|---|----|-------|-------|------|--------|--|--|
| Spol. +24V: | z Tc: | | | | | | | | | X98:17 | | |
| | | | | | | | | | | X98:18 | | |
| Spol. -24V: | z Tc: | UNZ RH.1 | X110:10 X3:21 | | 1 | PS | X1:15 | WS103 | 1b,m | X98:19 | | |
| | | | | | | | | | | X98:20 | | |
| Spol. +24V: | z Tc: | | | | | | | | | X98:37 | | |
| | | | | | | | | | | X98:38 | | |
| Spol. -24V: | z Tc: | | | | | | | | | X98:39 | | |
| | | | | | | | | | | X98:40 | | |

POZOR: Z UNZ 230V AC!

| R0,P,- | | | | | | | | | |
|---------------------|---|--|--|--|--|---------|-----|---------------------------------|---|
| sk.- | | | | | | | | | |
| ED říd.systém a MRS | | | | | | | | | |
| č. | název | | | | | adr.IEC | typ | název říd.systém ZS/SP HU... | typ sdržený sig./zprac. ZS/SP HU... |
| 1001 | | | | | | | | | |
| 1002 | | | | | | | | | |
| 1003 | | | | | | | | | |
| 1004 | | | | | | | | | |
| 1005 | | | | | | | | | |
| 1006 | PW790x SOVR přetížení zdroje - zdroj přetížen (>105%) / zatížení zdroje v povolených mezích | | | | | 1006 | 30 | TC700 PW R0 PRETIZEN | V /jen prot |
| 1007 | PW790x SPWR stav zdroje - v provozu (ze sítě nebo z UPS akumulátoru) / mimo provoz | | | | | 1007 | 30 | TC700 PW R0 MIMO PROVOZ | Pi /jen prot |
| 1008 | | | | | | | | | |
| 1009 | | | | | | | | | |
| 1010 | | | | | | | | | |
| 1011 | | | | | | | | | |
| 1012 | | | | | | | | | |
| 1013 | | | | | | | | | |
| 1014 | | | | | | | | | |
| 1015 | | | | | | | | | |
| 1016 | Jednotka R0,P6,DI porucha | | | | | 1016 | 30 | TC700 IB R0-P6 POR | P TC700 JEDNOTKA V/V POR |
| 1017 | Jednotka R0,P7,DI porucha | | | | | 1017 | 30 | TC700 IB R0-P7 POR | P TC700 JEDNOTKA V/V POR |
| 1018 | | | | | | | | | |
| 1019 | | | | | | | | | |
| 1020 | Jednotka R0,P10,DO porucha | | | | | 1020 | 30 | TC700 OR R0-P10 POR | P TC700 JEDNOTKA V/V POR |
| 1021 | Jednotka R0,P11,DO porucha | | | | | 1021 | 30 | TC700 OR R0-P11 POR | P TC700 JEDNOTKA V/V POR |
| 1022 | | | | | | | | | |
| 1023 | | | | | | | | | |
| 1024 | | | | | | | | | |
| 1025 | | | | | | | | | |
| 1026 | | | | | | | | | |
| 1027 | | | | | | | | | |
| 1028 | | | | | | | | | |
| 1029 | | | | | | | | | |
| 1030 | | | | | | | | | |
| 1031 | | | | | | | | | |
| 1032 | | | | | | | | | |

| sk.- | | | | | | | | | |
|------|--|--|--|--|---------------------|-----|---------------------------------|-----|-------------------------------------|
| | | | | | ED říd.systém a MRS | | | | |
| č. | název | | | | adr.IEC | typ | název říd.systém ZS/SP HU... | typ | sdružený sig./zprac. ZS/SP HU... |
| 1400 | | | | | | | | | |
| 1401 | | | | | | | | | |
| 1421 | | | | | | | | | |
| 1422 | RDRT-komunikace s terminálem vývodu R22.2 REF 615 ztráta | | | | 1422 | 1 | R22.2 REF POR KOM | P | R22 POR KOM |
| 1423 | | | | | | | | | |
| 1424 | | | | | | | | | |
| 1425 | | | | | | | | | |
| 1426 | | | | | | | | | |
| 1427 | | | | | | | | | |
| 1428 | | | | | | | | | |
| 1429 | | | | | | | | | |
| 1430 | | | | | | | | | |
| 1431 | | | | | | | | | |
| 1432 | | | | | | | | | |
| 1441 | RDRT-komunikace s terminálem vývodu RZS REF 620 ztráta | | | | 1441 | 1 | RZS REF POR KOM | P | |
| 1442 | | | | | | | | | |
| 1443 | | | | | | | | | |
| 1444 | | | | | | | | | |
| 1445 | | | | | | | | | |
| 1446 | | | | | | | | | |
| 1451 | RDRT-komunikace s PLC ÚO1 ztráta | | | | 1451 | 1 | UO POR KOM | P | |
| 1452 | | | | | | | | | |
| 1453 | | | | | | | | | |
| 1454 | | | | | | | | | |
| 1455 | | | | | | | | | |
| 1456 | | | | | | | | | |
| 1457 | | | | | | | | | |
| 1458 | | | | | | | | | |
| 1459 | | | | | | | | | |
| 1460 | | | | | | | | | |
| 1461 | | | | | | | | | |
| 1462 | | | | | | | | | |