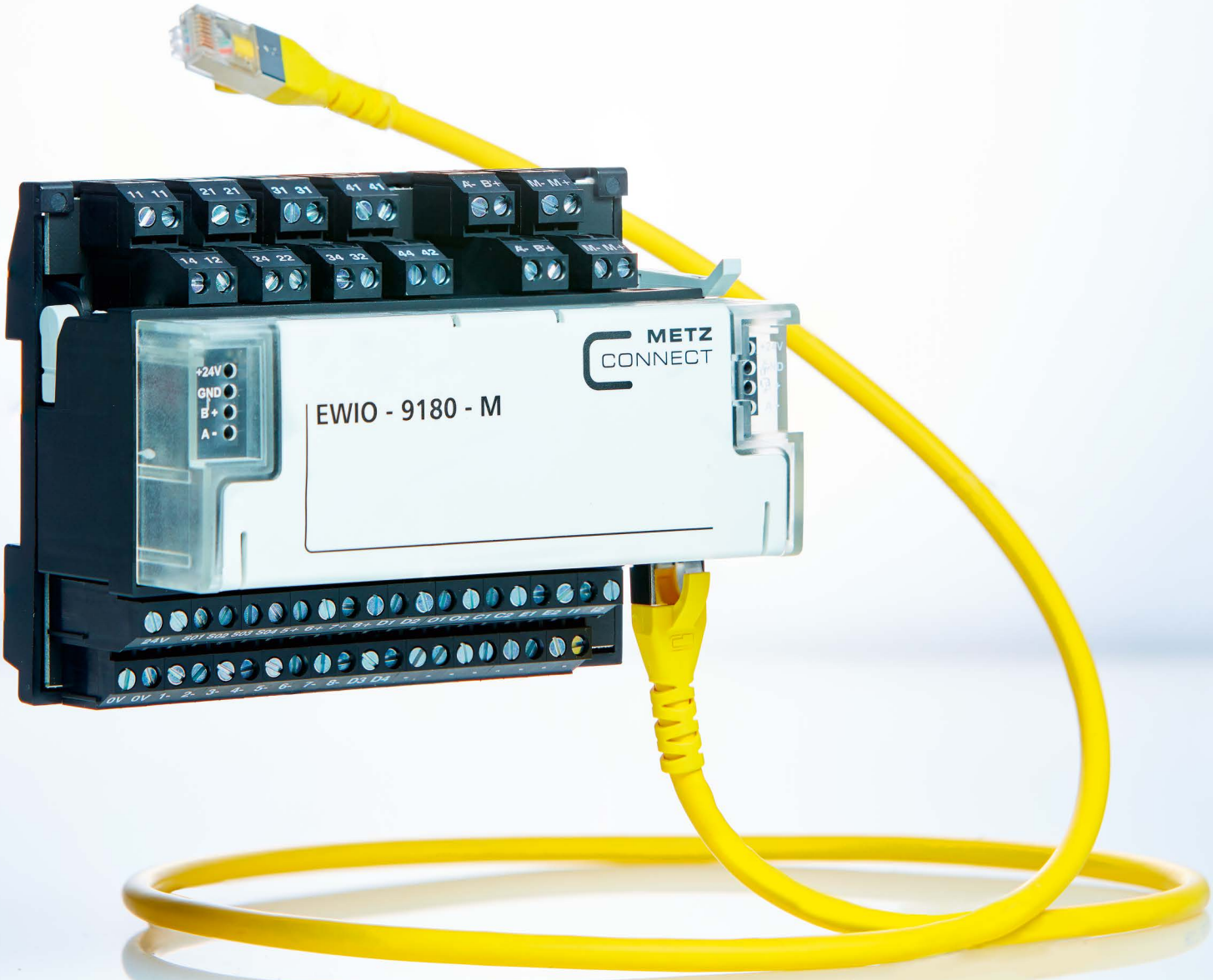
METZ CONNECT

We realize ideas

Product Summary



C | Logline

Product Summary

Data logger | M-Bus components

Data logger

D80

EWIO-9180-M

Data logger / Ethernet I/O
P/N 110910
4 relay outputs
4 digital inputs
2 universal inputs
2 universal outputs
4 S0 inputs
1 M-BUS
1 extension bus

D80

EWIO-9180-M-BACnet

Data logger / BACnet/IP I/O
P/N 110912
4 relay outputs
4 digital inputs
2 universal inputs
2 universal outputs
4 S0 inputs
1 M-BUS
1 BACnet/IP
1 extension bus

D80

EWIO-9180-M-Modbus

Data logger / Modbus TCP I/O
P/N 110913
4 relay outputs
4 digital inputs
2 universal inputs
2 universal outputs
4 S0 inputs
1 M-BUS
1 Modbus RTU
1 extension bus

M-Bus components

C18

S0/M Converter 4 channels

Input module
P/N 110556
4 S0 inputs

C18

S0/M Converter double rate

Input module
P/N 11055601
1 double rate input,
2 S0 inputs

IP65

S0/M Conver. doub.-rate IP65

Input module
P/N 11055601IP
1 double rate input,
2 S0 inputs

C18

T/M Converter 4 channels

Input module
P/N 110562
4 temperature inputs

IP65

T/M Converter IP65

Input module
P/N 110562IP
4 temperature inputs

IP65

MYD-4M-IP65

M-Bus distributor
P/N 11056301
6 x M-Bus
2 x voltage

IP65

MYD-2M2V-IP65

M-Bus distributor
P/N 11056302
4 x M-Bus,
4 x voltage

MYD-1M1V

M-Bus distributor for DIN rail
P/N 11056303
2 x M-Bus,
2 x voltage

M-Bus CT Software

M-Bus configuration tool
P/N 110566

C18

Power supply NG4 HS

Power supply
P/N 110561
In 110-240 V AC 50/60 Hz,
Out 24 V DC (SELV) /
700 mA; 16 W

I/O components | Ethernet I/Os

D80

EWIO-9180

Ethernet I/O
P/N 110900
6 relay outputs
2 triac outputs
4 digital outputs
3 analog outputs
8 digital inputs
4 universal inputs
1 extension bus

D80

EWIO-9180-BACnet

BACnet/IP I/O
P/N 110902
6 relay outputs
2 triac outputs
4 digital outputs
3 analog outputs
8 digital inputs
4 universal inputs
1 extension bus

D80

EWIO-9180-Modbus

Modbus TCP I/O
P/N 110903
6 relay outputs
2 triac outputs
4 digital outputs
3 analog outputs
8 digital inputs
4 universal inputs
1 extension bus

EWIO Programming adapter

USB/RS232
Programming adapter
P/N 110920
Converter

C18

Power supply NG4 HS

Power supply
P/N 110561
In 110-240 V AC 50/60 Hz,
Out 24 V DC (SELV) /
700 mA; 16 W

I/O components | Extension modules for EWIO and EWIO-M

C12

EW-DI4
Input module digital
P/N 1109541319
4 digital inputs

C12

EW-DI10
Input module digital
P/N 1109511319
10 digital inputs

C12

EW-CI4
Input module analog
P/N 1109571332
4 current inputs 0-20 mA,
4 voltage inputs 0-10 V

C18

EW-AI8
Input module analog
P/N 11095213
8 configurable temperature or voltage inputs

C12

EW-DO4
Output module digital
P/N 1109561321
4 relay outputs,
manual control facility

C12

EW-TO4
Output module digital
P/N 11095013
4 triac outputs,
manual control facility

C12

EW-AO4
Output module analog
P/N 1109551302
4 voltage outputs 0-10 V

C18

EW-DIO4/2
I/O module digital
P/N 1109531326
4 digital inputs,
2 relay outputs,
manual control facility

IP65

EW-DIO4/2-IP65
I/O module digital
P/N 1109531326IP
4 digital inputs,
2 relay outputs

I/O components | Modbus RTU

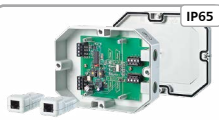
Applications on request | available at www.metz-connect.com

C12

MR-DI4
Input module digital
P/N 1108341319
4 digital inputs

IP65

MR-DI4-IP65
Input module digital
P/N 1108341319IP
4 digital inputs

IP65

MR-DI4-IP65 external display
Input module digital
P/N 110834131901IP
4 digital inputs

C12

MR-DI10
Input module digital
P/N 1108311319
10 digital inputs

C12

MR-SI4
Input module digital
P/N 11083913
4 S0 inputs

C18

MR-AI8
Input module analog
P/N 11083213
8 configurable temperature or voltage inputs

C12

MR-CI4
Input module analog
P/N 1108401332
4 current inputs 0-20 mA,
4 voltage inputs 0-10 V

IP65

MR-AIO4/2-IP65
Input module analog
P/N 11084213IP
4 inputs,
individually configurable,
2 analog outputs (0-10 V)

C18

MR-SM3
Input module analog
P/N 11084113
3 analog outputs (230 V)

C12

MR-DO4
Output module digital
P/N 1108361321
4 relay outputs,
manual control facility

C12

MR-DOA4
Output module digital
P/N 110836132101
4 relay outputs

C12

MR-TO4
Output module digital
P/N 11083013
4 triac outputs,
manual control facility

C12

MR-AOP4
Output module analog
P/N 1108371302
4 voltage outputs 0-10 V,
manual control facility

C12

MR-AO4
Output module analog
P/N 1108351302
4 voltage outputs 0-10 V

D80

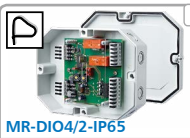
MR-Multi-I/O
I/O module digital/analog
P/N 11084313
4 digital outputs (Photo MOS)
4 digital outputs (Relais)
11 digital inputs
6 universal inputs
(temperature / voltage
1 analog output (current)
2 analog outputs (voltage)
1 S0 input

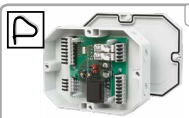
C18

MR-DIO4/2
I/O module digital
P/N 1108331326
4 digital inputs, 2 relay outputs, (changeover contacts)
manual control facility

C18

MR-DIO4/2S
I/O module digital
P/N 110833132601
4 digital inputs,
2 relay outputs, (NO contacts)
manual control facility

IP65

MR-DIO4/2-IP65
I/O module digital
P/N 1108331326IP
4 digital inputs,
2 relay outputs

IP65

MR-DIO4/2-IP65 230 V
I/O module digital
P/N 1108330526IP
4 digital inputs,
2 relay outputs

C18

MR-SM3
Input module analog
P/N 11084113
3 analog outputs (230 V)

C18

MR-LD6
Leakage-/Level monitoring
P/N 11084413
6 analog inputs,
2 relay outputs

C18

Power supply NG4 HS
Power supply
P/N 110561
In 110-240 V AC 50/60 Hz,
Out 24 V DC (SELV) /
700 mA; 16 W

MR-CT Software
Modbus Configuration tool
P/N 110849

USB to RS485 Converter
Converter
P/N 11080101

Product Summary

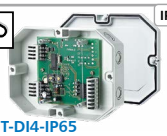
I/O components | BACnet MS/TP

Applications on request | available at www.metz-connect.com

BACnet - Application Specific Controller Profile (B-ASC)

C12

BMT-DI4
Input module digital
P/N 1108841319
4 digital inputs

IP65

BMT-DI4-IP65
Input module digital
P/N 1108841319IP
4 digital inputs

C12

BMT-DI10
Input module digital
P/N 1108811319
10 digital inputs

C12

BMT-SI4
Input module digital
P/N 11088913
4 S0 inputs

C18

BMT-AI8
Input module analog
P/N 11088213
8 configurable temperature or voltage inputs

C12

BMT-CI4
Input module analog
P/N 1108901332
4 current inputs 0-20 mA,
4 voltage inputs 0-10 V

C12

BMT-DO4
Output module digital
P/N 1108861321
4 relay outputs,
manual control facility

C12

BMT-TO4
Output module digital
P/N 11088013
4 triac outputs,
manual control facility

C12

BMT-AOP4
Output module analog
P/N 1108871302
4 voltage outputs 0-10 V,
manual control facility

C12

BMT-AO4
Output module analog
P/N 1108851302
4 voltage outputs 0-10 V

D80

BMT-Multi-I/O
I/O module digital/analog
P/N 11089313
4 digital outputs (Photo MOS)
4 digital outputs (Relais)
11 digital inputs
6 universal inputs
(temperature / voltage)
1 analog output (current)
2 analog outputs (voltage)
1 S0 input

C18

BMT-DIO4/2
I/O module digital
P/N 1108831326
4 digital inputs,
2 relay outputs,
manual control facility

IP65

BMT-DIO4/2-IP65
I/O module digital
P/N 1108831326IP
4 digital inputs,
2 relay outputs

IP65

BMT-DIO4/2-IP 230 V
I/O module digital
P/N 1108830526IP
4 digital inputs,
2 relay outputs

C18

BMT-TP
I/O module digital
P/N 11088813
6 digital inputs,
2 two-stage relay outputs,
manual control facility

C18

Power supply NG4 HS
Power supply
P/N 110561
In 110-240 V AC 50/60 Hz,
Out 24 V DC (SELV) /
700 mA; 16 W

BACnet IP/BACnet MS/TP Router
Router
P/N 11080001
1 x 10/100 Mbps Ethernet Port
1 x MS/TP Port

I/O components | LON FT5000

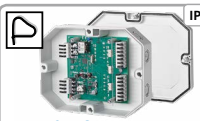
Applications on request | available at www.metz-connect.com

C12

LF-DI4
Input module digital
P/N 1108501319
4 digital inputs

C12

LF-DI10
Input module digital
P/N 1108511319
10 digital inputs

IP65

LF-DI10-IP65
Input module digital
P/N 1108511319IP
10 digital inputs

C12

LF-DI230
Input module digital
P/N 11086313
4 digital inputs

C12

LF-SI4
Input module digital
P/N 11085813
4 S0 inputs

C18

LF-AI8
Input module analog
P/N 11085313
8 configurable temperature or voltage inputs

C12

LF-CI4
Input module analog
P/N 1108601332
4 current inputs 0-20 mA,
4 voltage inputs 0-10 V

C12

LF-DO4
Output module digital
P/N 1108521321
4 relay outputs,
manual control facility

IP65

LF-DO4-IP65
Output module digital
P/N 1108521321IP
4 relay outputs

C12

LF-TO4
Output module digital
P/N 11086213
4 triac outputs,
manual control facility

C12

LF-AOP4
Output module analog
P/N 11085413
4 voltage outputs 0-10 V,
manual control facility

IP65

LF-AO4-IP65
Output module analog
P/N 11085413IP
4 voltage outputs 0-10 V

C12

LF-AM2/4
I/O module analog/digital
P/N 11085713
2 voltage outputs 0-10 V,
2 voltage outputs 0-10 V,
2 digital outputs

IP65

LF-TI-IP65
I/O module analog/digital
P/N 11086105IP
4 universal inputs,
4 triac outputs

C12

LF-DM4/4
I/O module digital
P/N 1108561326
4 digital inputs,
2 relay outputs
2 digital outputs

C18

LF-TP
I/O module digital
P/N 11085913
6 digital inputs,
2 two-stage relay outputs,
manual control facility

C18

LF-DIO4/2
I/O module digital
P/N 1108551326
4 digital inputs,
2 relay outputs,
manual control facility

IP65

LF-DIO4/2-IP65
I/O module digital
P/N 1108551326IP
4 digital inputs,
2 relay outputs

I/O components | LON FT5000

Applications on request | available at www.metz-connect.com

C12

LF-FAM LON

Switch-on module
P/N 11087913
for bus connection, supply voltage and adjustable bus termination

C18

Power supply NG4 HS

Power supply
P/N 110561
In 110-240 V AC 50/60 Hz, Out 24 V DC (SELV) / 700 mA; 16 W

Echelon Open LNS

Echelon Open LNS Commissioning Tool Standard Edition
P/N 11021710

Echelon USB

USB Network Interface
P/N 110214

I/O components | CAN-Bus

C12

FDE 4

Input module digital
P/N 1105751319
4 digital inputs

C12

FAE 4

Input module analog
P/N 1105741306
4 voltage inputs 0-10 V, 4 temperature inputs

C12

FRAS 4/21

Output module digital
P/N 1105701321
4 relay outputs, manual control facility

C12

FAA 4

Output module analog
P/N 1105731302
4 voltage outputs 0-10 V

Electronic timer relays

E08

MARk-E08

P/N 110657
Multi-functional timer relay, 1 changeover contact

E08

MARk-E08 U

P/N 1106574133
Multi-functional timer relay, voltage input, 1 changeover contact

E08

MFRk-E08 / MFRk-E08 F

P/N 110658 / 110658412014
Multi-functional timer relay, fast-acting, 1 changeover contact

E12

MFRk-E12

P/N 1103104122xx
Multi-functional timer relay, 2 changeover contacts

E10

MZAk-E10

P/N 110295412030
Multi-timer relay, delay on make 1 changeover contact

E10

RTLk-E10

P/N 1103524120xx
Timer relay, delay on make 1 changeover contact

E10

RKAk-E10

P/N 1103044120xx
Timer relay, delay on break, 1 changeover contact

E10

EWEk-E10

P/N 1102964120xx
Timer relay, circuit closing wiping, 1 changeover contact

E08

TERk-E08

P/N 1106744120xxxx
Multi-timer relay, clock generator, 1 changeover contact

E10

REWk-E10

P/N 110354412016
Timer relay, circuit closing wiping, 1 changeover contact

E10

RTBk-E10

P/N 110355412016
Flashing relay, 1 changeover contact

E10

RSDw-E10

P/N 1101614128xx17
Star-delta relay, 1 changeover contact (two relay)

Measuring and monitoring relays

E12

LTRk-E12

P/N 110283xxxx
Fan timer, 2 mutually interlocked output stages

E16

DRIW-E16

P/N 110150xx22
Speed & V-belt monitoring, 2 changeover contacts

E12

CPW-E12

P/N 1102810520xx
Motor protection, cosϕ monitoring, 1 changeover contact

E12

TMR-E12 with error memory

P/N 110316xxxx
Motor protection / monitoring, thermistor, 1;2 changeover contact

E12

TMR-E12 w/o error memory

P/N 110315xxxx
Motor protection / monitoring, thermistor, 1;2 changeover contact

E12

PFD2-E12 | 400 V AC

P/N 110292032215
Phase monitoring, 2 changeover contacts

E12

ENW-E12

P/N 110308xx
Level monitoring, 2 changeover contact

C18

MR-LD6

P/N 11084413
Leakage-/Level monitoring, 2 normally open contacts, Modbus RTU

C18

ASD-C18 | 230 V AC

P/N 110270
Phase monitoring, asymmetrie, 2 changeover contacts

C12

DUW-C12 | 3x 230 V AC

P/N 110271
Undervoltage monitoring in three-phase networks, 2 changeover contacts

C18

EUW-C18 | 230 V AC

P/N 11027405
Voltage monitoring, 2 changeover contacts

C18

EIW-C18

P/N 110272xx
Current monitoring, 2 changeover contacts

Measuring and monitoring relays

Transformer TAmini
P/N 11018105xx
Transformer

Submersible Electrode TE1
P/N 110324
Submersible electrode

Leakage sensor LKS1
P/N 110329
Leakage sensor

Leakage sensor LKS-ZD
P/N 11032902
Leakage sensor

Two-wire sensor
P/N 110149
Two-wire sensor
(5 to 60 V DC)

Mounting bracket HWR
P/N 110146
Mounting bracket

Interface modules

Electromechanical

F8

KRA-F8/21
P/N 11070013
Coupling module,
1 changeover contact

F8

KRA-S-F8/21
P/N 11070613
Coupling module,
1 changeover contact,
manual control facility

F10

KRA-SR-F10/21
P/N 11070813
Coupling module, 1 change-over contact, manual control facility, auto-feedback

F10

KRA-SRA-F10/21
P/N 11071013
Coupling module, 1 change-over contact, manual control facility, auto-feedback

F10

KRA-F10/21-21
P/N 11070213
Coupling module,
2 changeover contacts

F10

KRA-S-F10/21-21
P/N 11070713
Coupling module,
2 changeover contacts,
manual control facility

F10

PV10-F10
P/N 110720
Potential distributor,
10-pole

M4

KRA-M4/1
P/N 110613xx
Coupling module,
1 NO contact

M6

KRA-M6/1-1
P/N 110616xx
Coupling module,
2 NO contact

M6

KRA-M6/1-2
P/N 110617xx
Coupling module,
1 NO contact, 1 NC contact

M6

KRA-M6/21
P/N 110615xx
Coupling module,
1 changeover contact

M6

KRA-S-M6/21
P/N 11061213
Coupling module, 1 changeover contact, manual control facility

M8

KRA-SR-M8/21
P/N 11064513
Coupling module, 1 change-over contact, manual control facility, auto-feedback

M8

KRA-M8/21-21
P/N 110619xx
Coupling module,
2 changeover contacts

E08

KRZ-E08 HR
P/N 110668132722
2-stage coupling module,
1 changeover contact,
manual control facility

E08

KRZ-E08/HR2
P/N 110676132722
2-stage coupling module,
1 changeover contact, manual control facility with 0 position

E16

SMM-E16
P/N 110518xx
Collective message module,
1 changeover contact

C12

STM-C12
P/N 110520
Fault message module

RM

RM21
P/N 110504xx
Relay module, 2-tiers,
1 changeover contact

RM

RM21-21
P/N 110507xx
Relay module, 2-tiers,
2 changeover contacts

RM

RM3-2W
P/N 110510xx
Relay module, 3-tiers,
2 changeover contacts

E06

KRS-E06
P/N 110661
Threshold control,
1 changeover contact,
manual control facility

E06

KRS-E06
P/N 110655
Threshold control,
1 changeover contact,
w/o manual control facility

E08

KRS-E08 HR
P/N 110667
Threshold control,
1 changeover contact

E08

KRS-E08 HRP
P/N 110666
Threshold control,
1 changeover contact,
manual control facility

E08

KRS-E08 3
P/N 110673
Threshold control,
1 changeover contact with zero position

E08

KRS1-E08 HR3
P/N 110672
Threshold control,
2 stages with zero position,
manual control facility

E08

KRS-E08 HR3
P/N 110665
Threshold control,
1 changeover contact with zero position, manual control facility with auto-feedback

C12

KRS-C12 3VHR
P/N 11043413
Threshold control,
forcibly locked, manual control facility with auto-feedback

Interface modules

Semi-conductor

M4

KRE-M4/1 DC

P/N 1106302517
Coupling module,
optocoupler transistor

M4

KRE-M4/1 AC

P/N 1106312518
Coupling module,
triac optocoupler

Separate/convert

C12

PT-C12

P/N 110501
Potential separator,
voltage optimized

C12

PTi-C12

P/N 11050108
Potential separator,
current optimized

C12

KAD-C12

P/N 110656
Digital-to-analog converter

C12

ADU-C12

P/N 11043513
Analog-to-digital converter

E12

RTM-C12

P/N110276xx
Pulse shaper,
2 changeover contacts

Indicator

M8

KD-M8/4E

P/N 110639
Diode module,
4 individual diodes

M8

KD-M8/7K

P/N 110641
Diode module,
7 diodes, common cathode

M8

KD-M8/7A

P/N 110640
Diode module,
7 diodes, common anode

S12

KD-S12/11K

P/N 110629
Diode module,
11 diodes, common cathode

S12

KD-S12/11A

P/N 110628
Diode module,
11 diodes, common cathode

E16

LTM-E16

P/N 110280
Lamp test module for
7 lamps, output for collective
message

Setpoint device

F8

KMA-F8

P/N 110730
Analog data encoder,
0-10 V

F8

KMA-R-F8

P/N 11073001
Analog data encoder,
reverse voltage protected,
0-10 V

F8

KMAi-F8

P/N 110731
Analog data encoder,
0-20 mA

E08

KMA-E08

P/N 110660
Analog data encoder,
0-10 V

E08

KMA-R-E08

P/N 11066001
Analog data encoder,
reverse voltage protected,
0-10 V

E08

KMAi-E08

P/N 110659
Analog data encoder,
0-20 mA

Industrial relays and accessories

MC274

MC274

P/N 110017xx1407
4 changeover contacts
24 V AC/DC, 230 V AC

Socket 14-pole

P/N 110175
Relay socket,
3-tiers

Socket 14-pole

P/N 110178
Relay socket,
2-tiers

Socket 14-pole

P/N 110185
Spring-loaded terminal,
Relay socket,
3-tiers

Telecommunications products

C12

SAR 4 / SAR 5

P/N 130283-I / 130284-I
Power switching relay for
DIN rail, configurable

SAR 1 AP

P/N 130280-I
Power switching relay

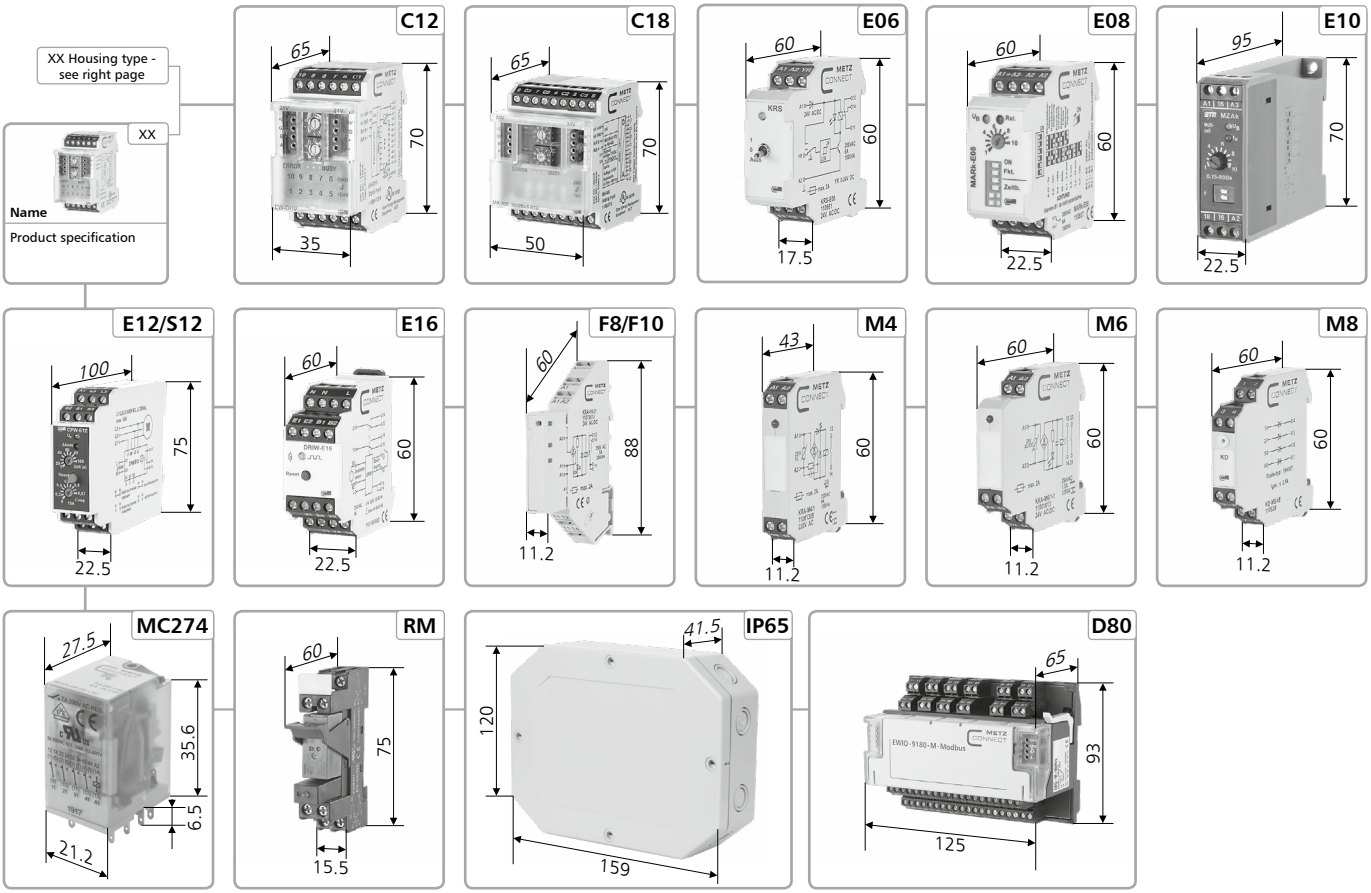
TZG WK 955 AP

P/N 130592-I
Secondary call signaler

TZG WK 955 UP

P/N 130593-I
Secondary call signaler

Housing types



Pictogram

with spring clamp terminal block

METZ CONNECT worldwide

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899905-05 | 10/2017