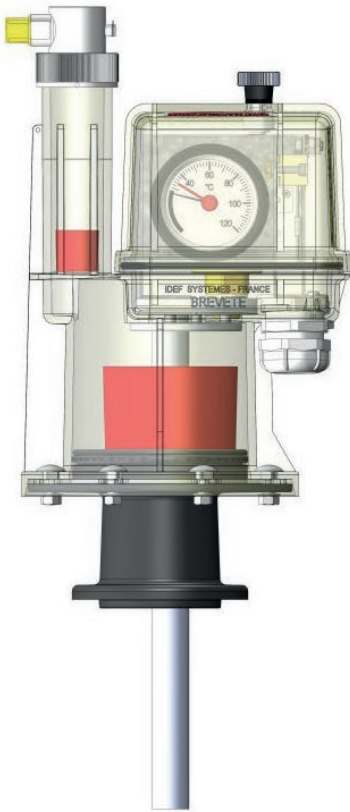


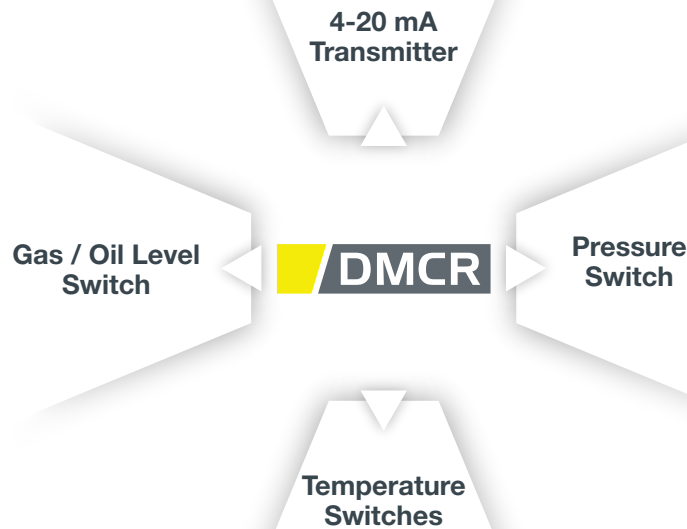


**DMCR 3.0 Relay
Pt100 Probe
inside thermowell**

OPTIONAL 4-20mA TEMPERATURE TRANSMITTER

The DMCR can be equipped with an optionnal 4-20mA temperature transmitter in order to enable continuous monitoring of the dielectric temperature level inside the transformer tank.

All the other functions and characteristics of the relay remain identical compared to the standard version DMCR. The relay's dimensions also remain identical. This version of the DMCR should be protected from water ingress.



TEMPERATURE TRANSMITTER TECHNICAL FEATURES

Measuring range: **-20 to +150°C with class B Pt100 probe**
 Supply voltage: **10 to 24V DC external source**
 Loop current: **4-20mA**
 Current limit: **27mA**

Conversion formula: $T = ((I - 4) * 170/16) - 20$

I = current in the loop (mA) • T = measured temperature (°C)

CONNECTIVITY & WIRING DIAGRAM

44	41	42	34	31	32	24	21	22	14	11	12	1	2		
Tripping Temperature			Alarm Temperature			Pressure			Oil level / Gas			4-20 mA Temperature			
Température Déclenchement			Température Alarme			Pression			Niveau Gaz						

IDEF

SYSTEMES

410 rue du Mont-Blanc
74540 Saint-Félix – France

Tél. : +33 4 50 01 84 69

dmcr@idefsystemes.com



© Copyright - All rights reserved by IDEF SYSTEMES SAS

Dissemination and reproduction of this document and use and disclose of its content
is strictly prohibited without permission from the publisher.

The product may have been altered since this document was published.
We reserve the right to change the technical data without further notice.

ISO 9001:2015

BUREAU VERITAS
Certification

